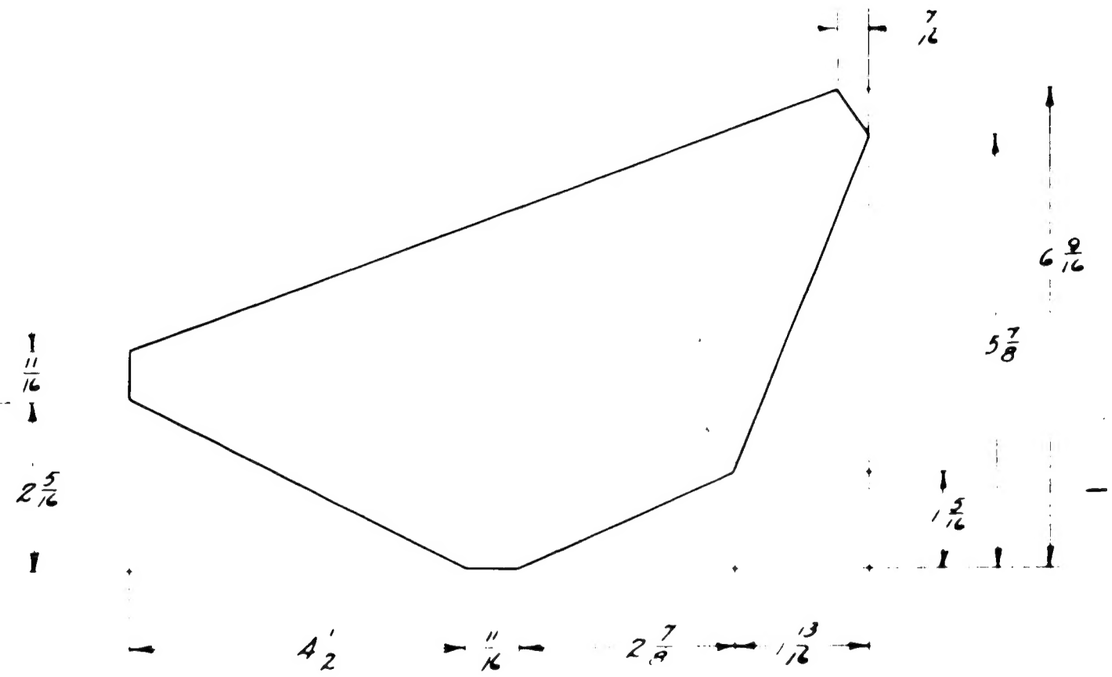
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-7-36	FALBAUM



								PBY-5B	28B1600	4			
								PBY-5A	28B1600	4			
								PBY-4	28B1600				
								PBY-3	28B1600				
								PBY-2	28B1600				
								PBY-1	28B1600	4			

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted] APPROVED 12-7-36 DATE

.14 CALC WT ACT WT

SCALE 6" = 1'-0"

O H	MODEL	NEXT ASSY	REQ	ST'D PARTS	MAT	PART NO	LH REQ	RH REQ
REQUIREMENTS PER AIRPLANE						PARTS LIST PER ASSY		

AC

NAVY DOD AL ALLOY SHEET 24ST — 47A10 Cond T — NONE — NONE

MATERIAL — SPEC. — HEAT TREAT — FINISH

L.O.C Stan. Miller

10 15 35 12-24-36

DRAFT CHECK EXAM ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO N. Y.

STAMP PT No. WHERE SHOWN

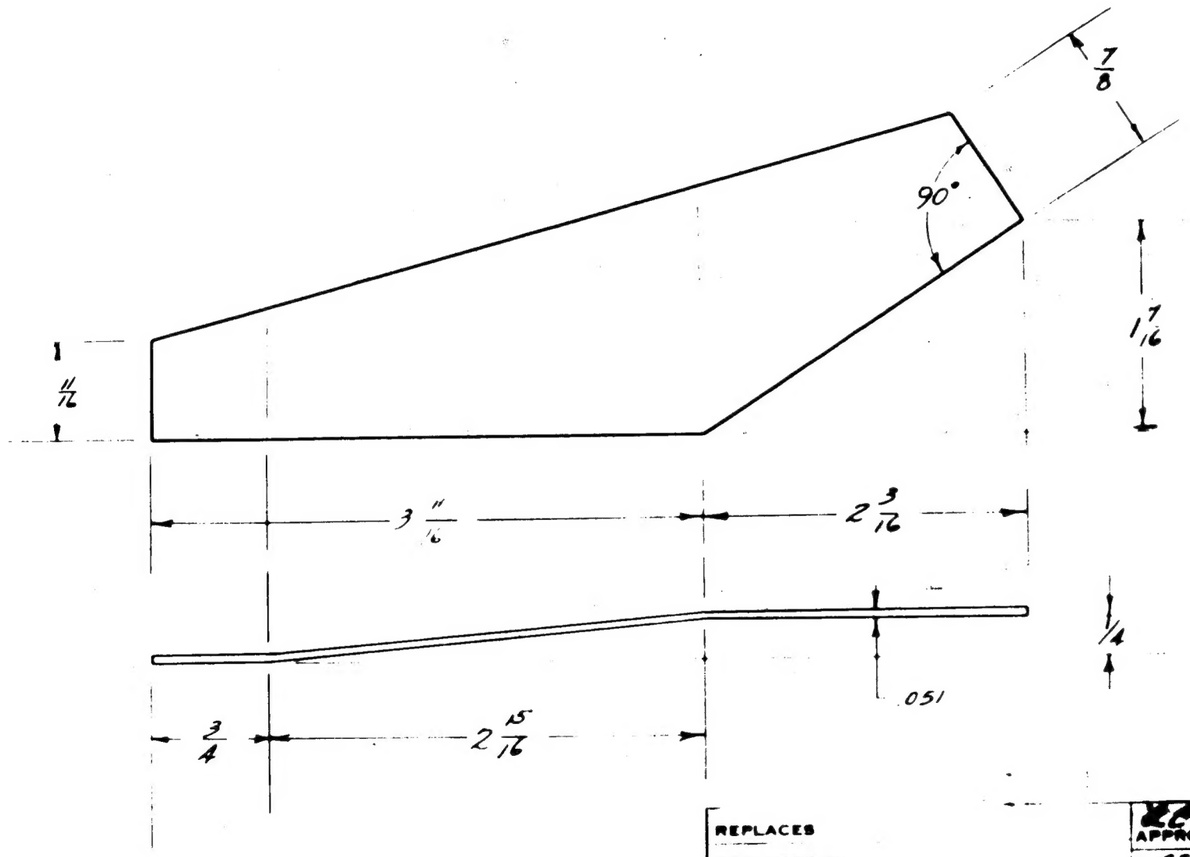
NAME GUSSET - HULL - BULKHEAD #6 COLUMN

OPP HAND

DWG SIZE B — 28B1603

SULLIVAN McKEEGAN CO. INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
5	TRACED	12-8-36	FALBAUM



R	PBY-5A	2881600	2EA
L	PBY-5A	2881600	2EA
-1	PBY-3-4	2881600	
	PBY-3-4	2881600	
1	PBY-2	2881600	
	PBY-2	2881600	
-1	PBY 1	2881600	
	PBY 1	2881600	

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .32

.095 CALC WT ACT WT

SCALE 12" = 1' 0"

AC NAVY AL ALLOY SHEET CAST

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO N.Y.

STAMP PT. No. WHERE SHOWN

KCW APPROVED 12-8-36 DATE

ATAIC ONLY SPEC. | NONE HEAT TREAT | NONE FINISH

L.C.C. Steel/Miller 12-21-35/12-21-36

DRAFT | CHECK | EXAM. | ENG.

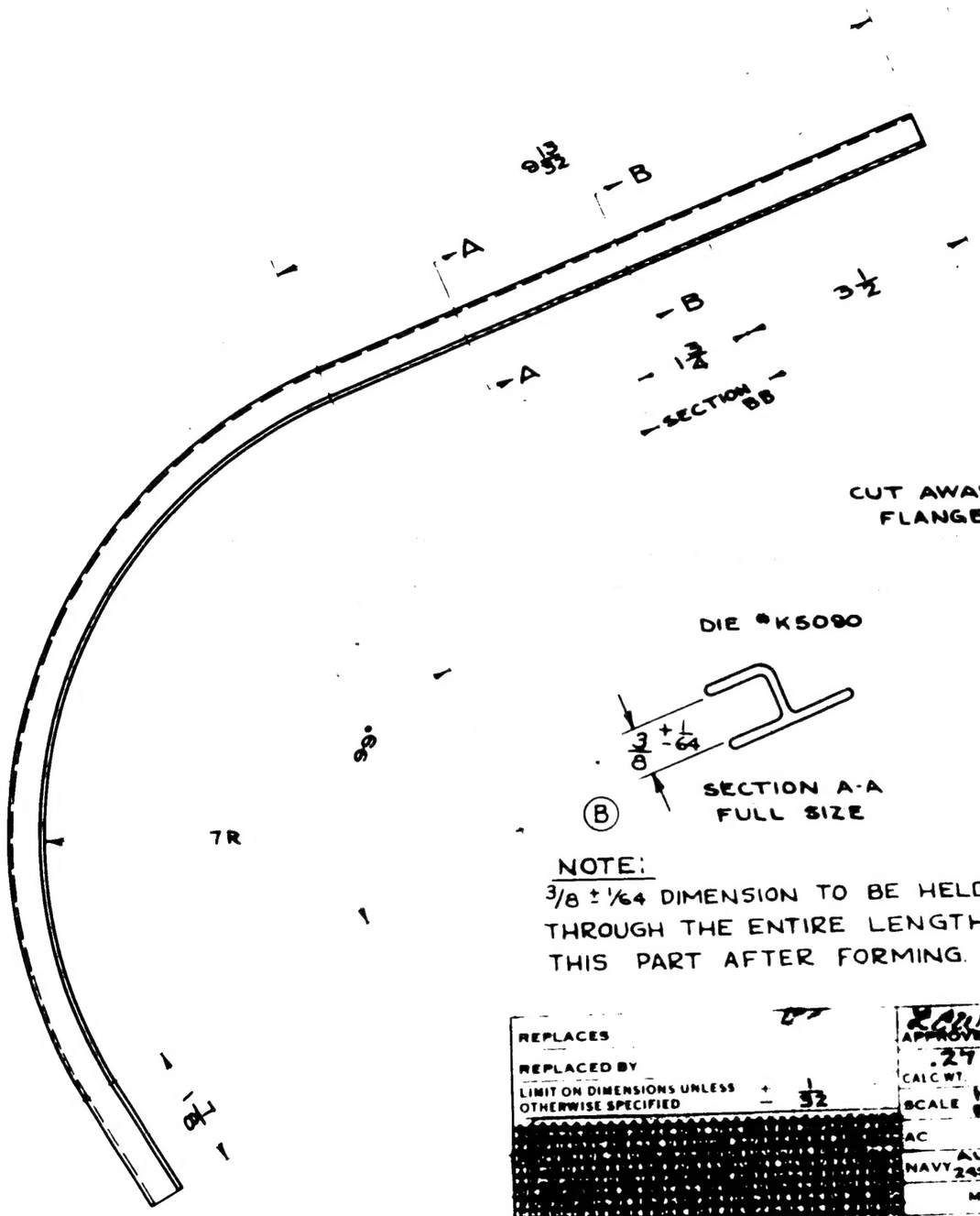
NAME GUSSET - HULL - BULKHEAD #6

OPP HAND 2881604 -1

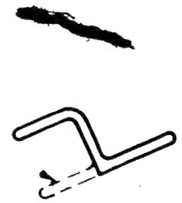
DWG. B SIZE 28B1604

SULLIVAN-MORRISON CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-11-36	D-MW
B	ADDED 3/8 ± 1/64 DIM. & NOTE "3/8 --- FORMING. NO. WT. CHG.	3-22-43	HUTCHINSON



CUT AWAY FLANGE



DIE #K5090

SECTION A-A
FULL SIZE

NOTE:
3/8 ± 1/64 DIMENSION TO BE HELD THROUGH THE ENTIRE LENGTH OF THIS PART AFTER FORMING.

SECTION B-B
FULL SIZE

L/R	285AMN	28B1095	1
L/R	285AMC	28B1095	1
L/R	285MN		1
L/R	285ME		1
L/R	285MC		1
L/R	285MA		1
L/R	PBY-5		1
L/R	PBY-5B	28B1095	1
K	PBY-5A	28B1095	1
L	PBY-5A	28B1095	1
-1	PBY-3-4	28B1095	
	PBY-3-4	28B1095	
-1	PBY-2	28B1095	
	PBY-2	28B1095	
-1	PBY-1	28B1095	
	PBY-1	28B1095	
-R	PBY-5B	28B1095	1

O.H. MODEL	NEXT ASSY	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REQUIREMENTS PER AIRPLANE | MAT | PARTS LIST PER ASSY.

FINISH:
Z-P-AKV ON PBY-1
Z-P-AL ON PBY-2 & FUTURES.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED R.A.W. DATE 12-11-36

CALC WT .27 ACT WT

SCALE HALF SIZE FULL SIZE

AC

NAVY 24ST EXTRUSION ALCLAD ALLOY

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO N. Y.

STAMP PT. No. WHERE SHOWN

2A6 COND. T | NONE | NOTED

SPEC | HEAT TREAT | FINISH

NAME

TRACK-HULL
BOMBERS WINDOW COVER

Whitney Stark Green
5-8-36 | 12-1-36 | 8-4-36
DRAFT | CHECK | EXAM | ENG.

OPP HAND 28B1637-1

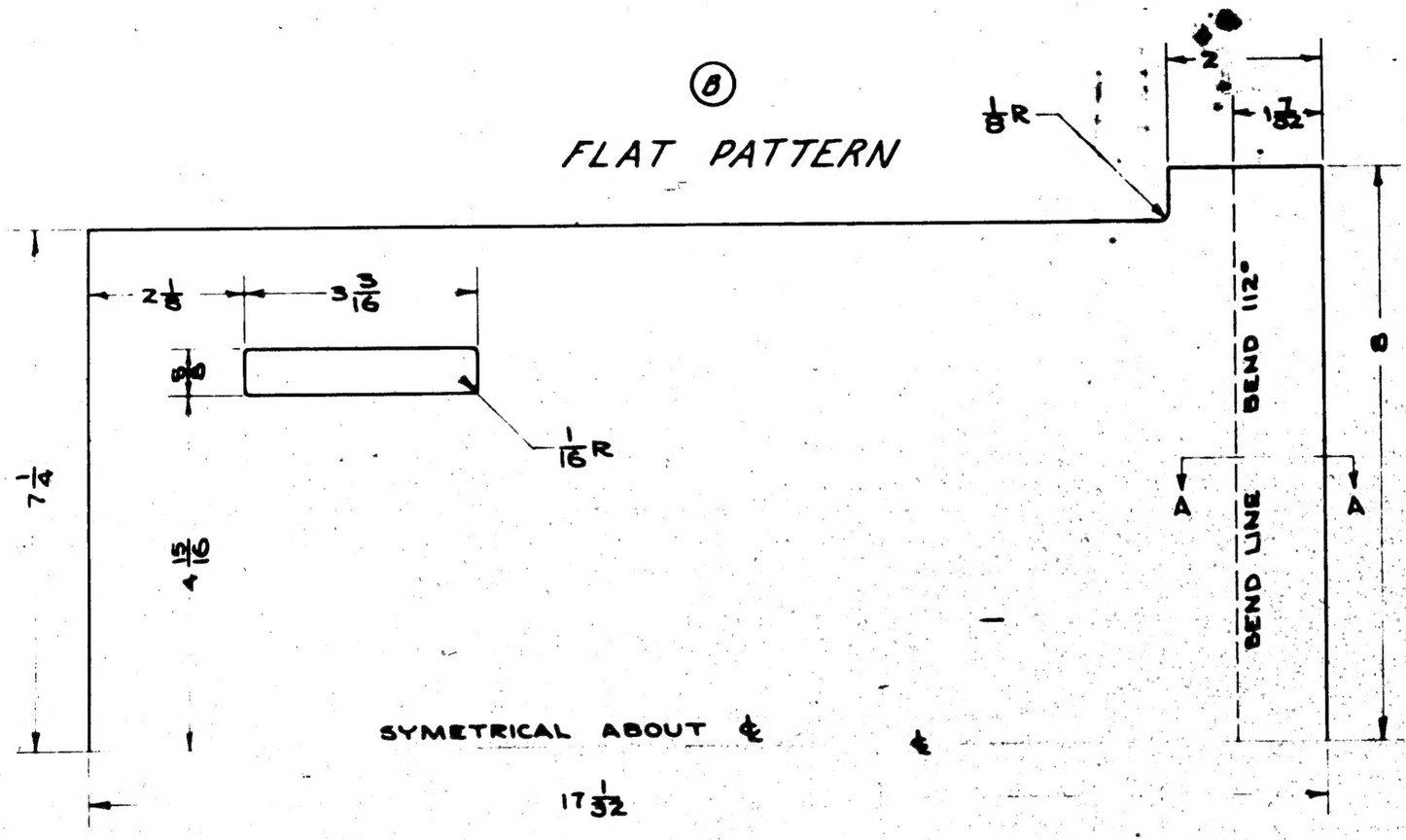
DWG. B SIZE 28B1637

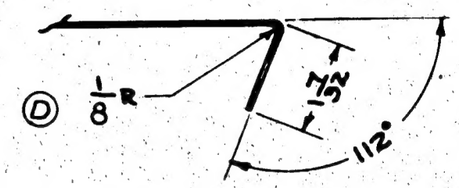
SULLIVAN MCKEEGAN CO. INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-1-36	D.P.W.
B	ADDED VIEW AND EXPLANATION	9-19-37	W.P.H.
	ADDED NOTE		
C	2" DIM. HAS 2 PL.	11-17-39	[illegible]
D	1/8 R WAS 1/16 R (WT. CHG. NEG.)	6/2/42	PENTUKOFF
E	REVISED VIEW AT LOWER L.H.		
	CORNER OF DWG. TO SHOW 7R TO		
	OUTSIDE OF PART. (NO WT. CHG.)	7-14-43	HYMER

(B)

FLAT PATTERN

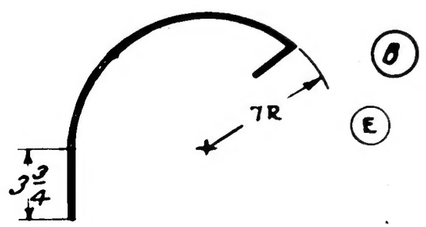




SECTION A-A

FINISH:
Z-P-GP ON PBY-1
Z-P-GP ON PBY-2 & FUTURE

PART TO BE BENT TO THIS CONTOUR BEFORE FINISH
1/8 SCALE



FOR FURTHER RELEASES SEE REL. GRP.

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5A	28B1095	1						
	PBY-5	28B1095							
	PBY-4	28B1095							
	PBY-3	28B1095							
	PBY-2	28B1095							
	PBY-1	28B1095							
	PBY-5B	28B1095	1						

REPLACES		APPROVED	12-11-36 DATE	REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.	
REPLACED BY		.64 CALC. WT.	ACT. WT.			PD	Stier GREEN
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32	SCALE HALF SIZE				WHITTEN 12-9-36	12-21-36 5-4-36 R
AC .051 NAVY ALUM. ALLOY 2460 SHEET		4TA10 COND. A	SR 53	NOTED		DRAFT	CHECK EXAM. ENG.
MATERIAL		SPEC.	HEAT TREAT	FINISH			

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME: PLATE-HULL BOMBERS WINDOW TRACK

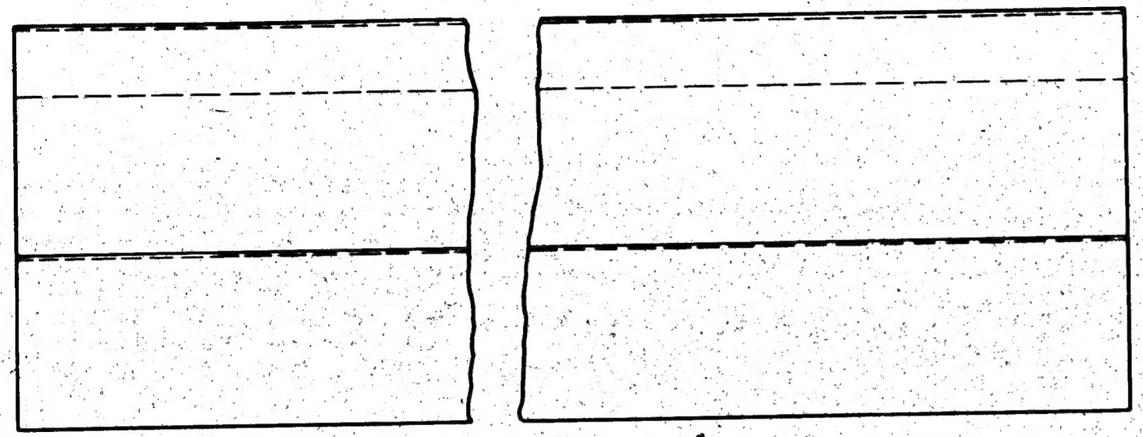
OPP. HAND

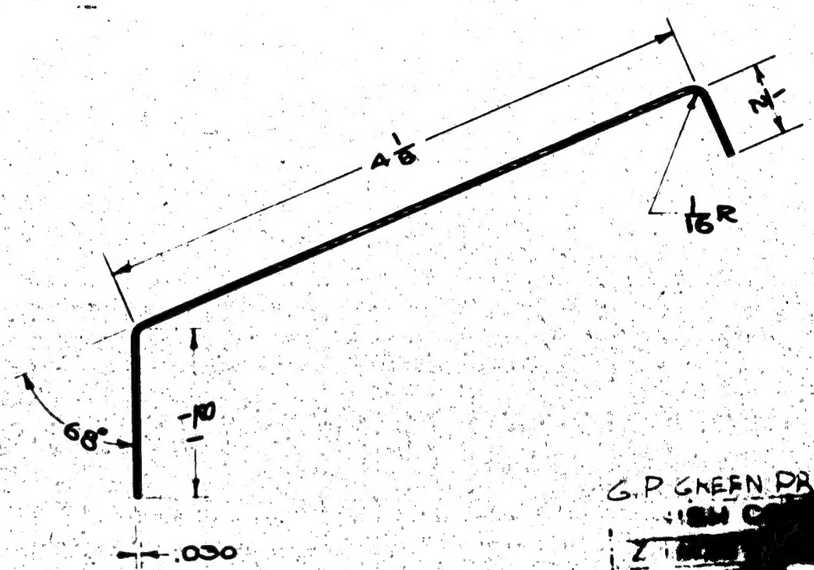
DWG. B SIZE 28B1638

SULLIVAN MCKEEGAN CO. INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-11-36	D.M.W
C	CHANGED MATL .030 24ST	12-21-40	A.G
	AL. ALLOY FROM .030 24S0		
	AL. ALLOY		

E.O. 17208





G.P. GREEN DRIVE

FINISH: D
Z-P-[illegible] ON PBY-1
Z-P-[illegible] ON PBY-2 & FUTURE
= D

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5&5A&5B	28B1095	1EA						
	PBY-4	2881095							
	PBY-3	2881095							
	PBY-2	28B1095							
	PBY-1	28B1095							

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED [illegible] 12-11-36 DATE

.26 CALC. WT | ACT WT

SCALE FULL SIZE

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC

NAVY ALUM. ALLOY 24ST SHEET — MATERIAL

24AIO COND. T — SPE

SR 53 — HEAT TREAT

NOTED — FINISH

RE.	DRAFT	CHECK	EXAM.	ENG.
WHITNEY	3-3-36	12-21-36	5-4-36	
Stin				
GREEN				R

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME

PLATE-HULL WINDOW COVER CASING-BOTTOM

OPP. HAND

DWG. B SIZE

28B1639

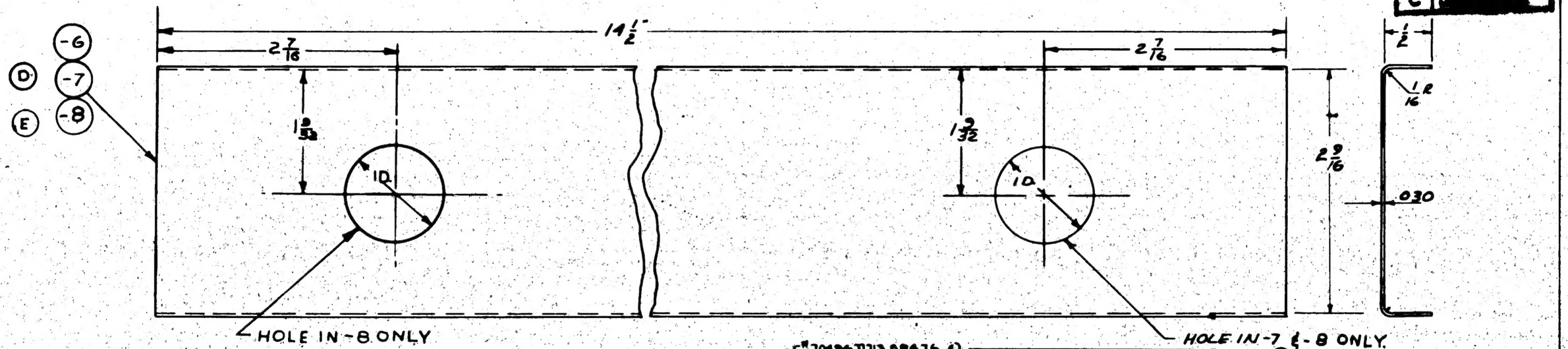
SULLIVAN-MORRISSEY CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

	HOLE IN -7 & -8 WAS HOLE IN -7 ONLY. FINISH: Z.P.G.P. ON Y PBY-1 & PBY-1 WAS Z.P. AKV. & Z.P. G.R. ON PBY-2 & FUTURE WAS Z.P. AL. IN REQ/PLANE BLK: LIMITED -6 & -7 FOR PBY-5A TO C# 70496 7713 08476 & 88476 & NO▲(5) 464 #1T012. ADDED -6 & -8 FOR PBY 5A NA 28 B 1095 (1) EA. REQ FOR C# NO▲(5) 464 #13 & ON. WT. CHG. NEG.	9-8-43	ZAVALNY

C.O. 4518
E.O. A42208A

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	2-3-36	Reinhardt
C	MAT'L WAS 2450, SPEC. 47A10 COND A	1-11-38	ADAMS
D	ADDED -6 & -7 TO PARTS LIST & REQ PER PLANE BLK. ADDED HOLE IN -7. NEG. WT. CH.	6-30-42	WALLACE
E	ADDED: -8 & HOLE IN -8 ONLY,		

G.P. GREEN PRIME



FINISH:
Z-P-G.R ON XP3Y-1 & PBY-1
Z-P-G.P ON PBY-2 & FUTURE

C# 70496 7713 08476 (6)
NO▲ (8) 464 #1T012
C NO▲ (5) 464 #13 & ON

-6 & -7	PBY-5A	28B1095	1 EA.													
-6 & -8	PBY-5A	28B1095	1 EA.													
-6 & -7	28SMACE N	28B1095	1 EA													
-6 & -7	28SMAN-C	28B1095	1 EA													
-6 & -7	PBY-5 SB	28B1095	1 EA													
	PBY-4	28B1095														
	PBY-3	28B1095														
	PBY-2	28B1095													-8	1
	PBY-1	28B1095													-7	1
	XP3Y-1	28B1095	2												-6	1
	O.H.	*MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED 3-3-36 DATE

CALC. WT. 16 ACT WT

SCALE 12" = 1'-0"

REQUIREMENTS PER AIRPLANE

MAT. PARTS LIST PER ASSY.

AC

NAVY AL. ALLOY SHT. 47A10 Cond. NONE NOTED

MATERIAL 24ST SPEC. HEAT TREAT FINISH

	DRAFT	CHECK	EXAM.	ENG.
	3-3-36 Anderson	5-4-36		
PRELIMINARY	2-6-37 GREEN			

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

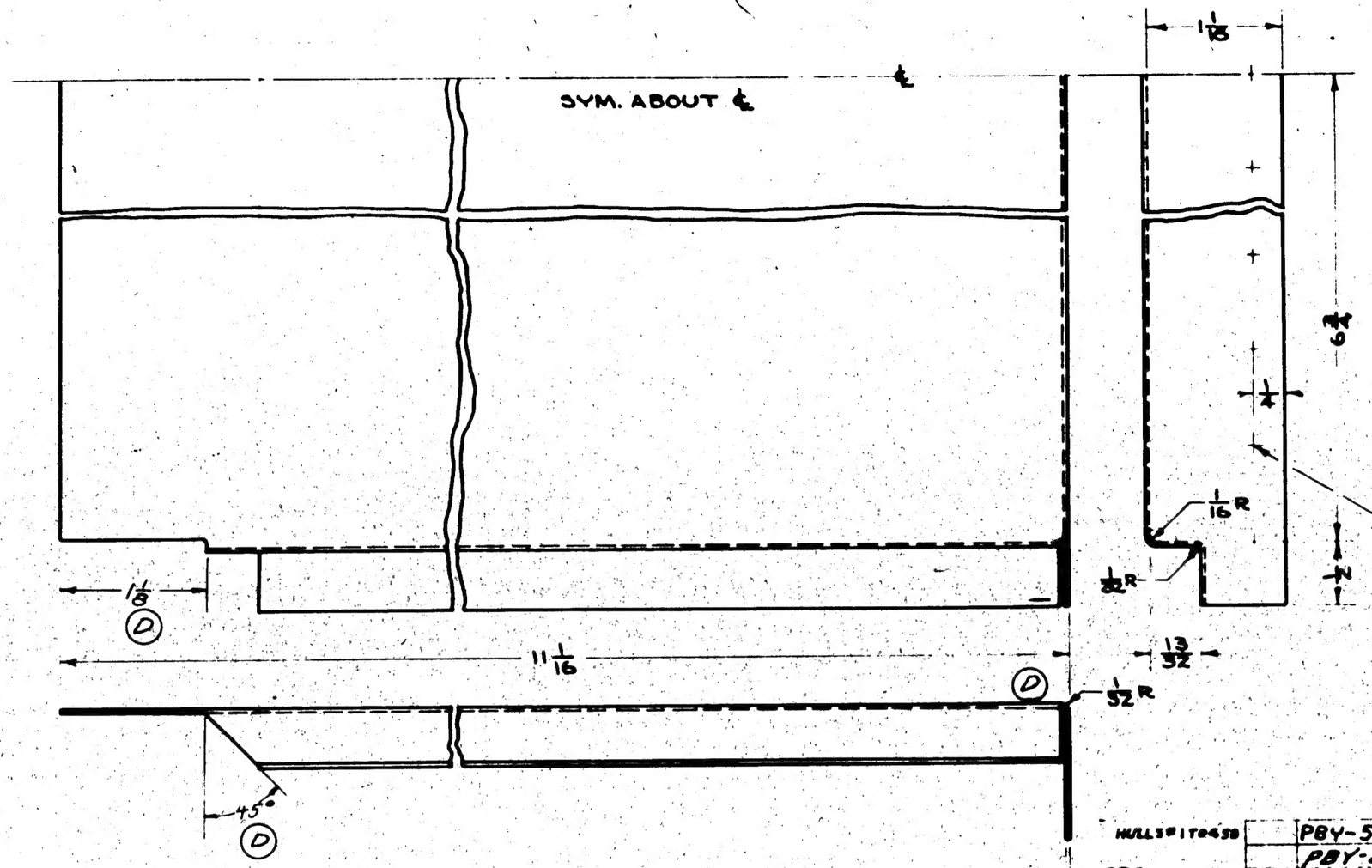
NAME CHANNEL - HULL WINDOW COVER CASING

OPP. HAND

DWG. B SIZE 28B1680

SULLIVAN MORGOGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-8-36	D-MAW
C	24 ST WAS 2450	5-14-37	M'Donald
	47A10 COND. T WAS COND. A	"	"
	CANCELLED H.T. REQ.	"	"
D	1/8 WAS 3/32; 45° WAS 30°; REMOVED TAB	9-9-37	M.E.A.



G.P. GREEN PRIME

FINISH: P.
Z-P- ON PBY-1
Z-P- ON PBY-2 & FUTURE
G.P.

HULLS #1 TO #38

	PBY-5A	2881095	1									
	PBY-4	2881095										
	PBY-3	2881095										
	PBY-2	2881095										
	PBY-1	2881095										

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED 12-8-36 DATE

.37 CALC. WT. ACT. WT.

SCALE FULL SIZE

AC NAVY ALUM. ALLOY 24ST SHEET — MATERIAL

47A10 COND. T — SPEC.

NONE — HEAT TREAT

NOTED — FINISH

REQUIREMENTS PER AIRPLANE

MAT.

PARTS LIST PER ASSY.

P.E. WHITNEY 3-3-36 | STEIN 12-9-36 | GREEN 5-4-36

DRAFT | CHECK | ELEM. | ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME

CASING-HULL-WINDOW COVER

OPP. HAND

DWG. B SIZE

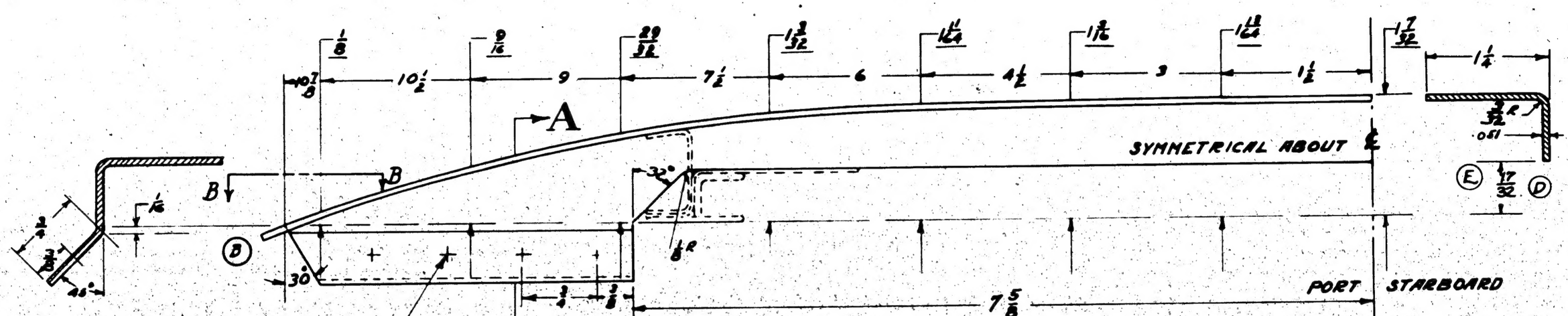
28B1681

SULLIVAN-MERSEREAU CO. INC. BUFFALO
IMPERIAL TRACING CLOTH

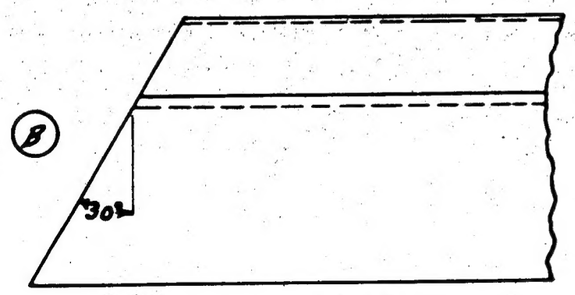
C

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-3-37	Ransch
B	ADDED VIEW B-B AND CHANGED DRAWING ACCORDINGLY	5-15-37	Halsey
C	7 5/8 WAS 7 3/8. AN442D6(4) WAS AN442D5 (5) 32° WAS 45°	8-25-41	Nelson
D	7/16 WAS 17/32 NEG WT CHG	4-9-42	Shearer
E	17/32 WAS 7/16. NEG. WT. CHG.	11-10-42	Watson

E.O. AG4339



SECTION A-A AN442D6(4)



VIEW B-B

FINISH GP
2-P- ON XP3Y-1 & PBY-1
2-P- ON PBY-2 & FUTURE
GP

VIEW LOOKING FWD

	28-5MA	28B1095	1
	28-5MN	28B1095	1
	28-5ME	28B1095	1

	28-5MC	28B1095	1								
	28-5AMR	28B1095	1								
	28-5AMN	28B1095	1								
	PBY-5A	28B1095	1								
	PBY-5B	28B1095	1 EA								
	PBY-4	28B1095									
	PBY-3	28B1095									
	PBY-2	28B1095									
	PBY-1	28B1095									
	XP3Y-1	28B1095	1								
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted] 2-3-57
APPROVED DATE

CALC. WT. .23 ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY AL. ALLOY. SHT.

MATERIAL 2480

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.
47A10Long	SR-53	NOTED		
SPEC.	HEAT TREAT	FINISH		

3-3-36	Anderson 3-4-36			
P.B. MATTHEWS	2-6-37	GREEN		
DRAFT	CHECK	EXAM.	ENG.	

NAME FORMER-HULL-NOSE-UPPER

OPP. HAND

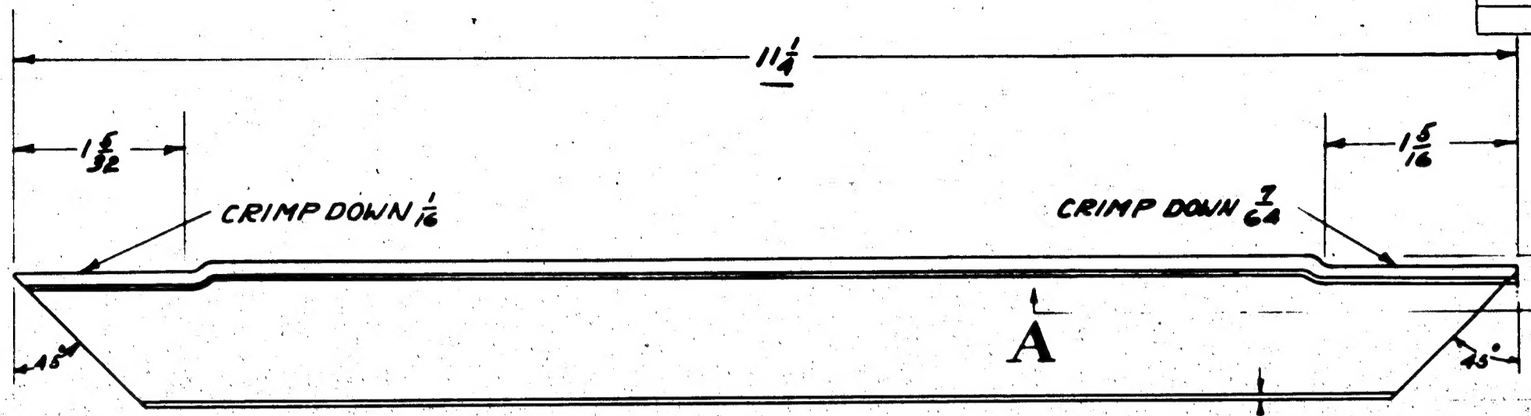
DWG. B SIZE 28B1682

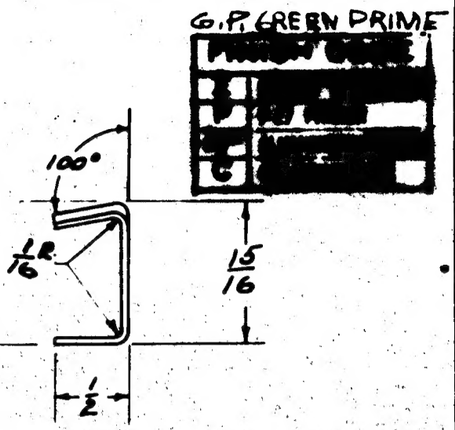
GP GREEN PRIME

[redacted]

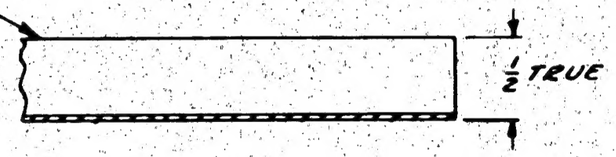
SULLIVAN-McGEORGE CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
G	TRACED UP TO DATE	2-3-37	REINKE
H	ADDED -2 & -3 FOR PBY-4	1-11-38	TOYE

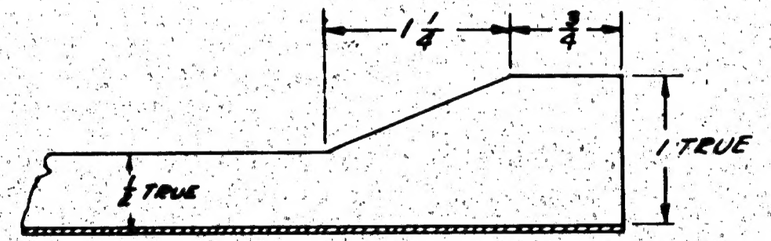




L.H. (-2) SAME AS 28B1683 & -1
EXCEPT AS SHOWN IN SEC. A-A
R.H. (-3)



SECTION A-A (FOR -2 & -3)



SECTION A-A (FOR 28B1683 & -1)

-2-3	PBY-5B	28B1095	1EA							
-3	PBY-5A	28B1095	1							
-2	PBY-5A	28B1095	1							
-3	PBY-4	28B1095								
-2	PBY-4	28B1095								
O.H.	MODEL	NEXT ASSY	REQ							

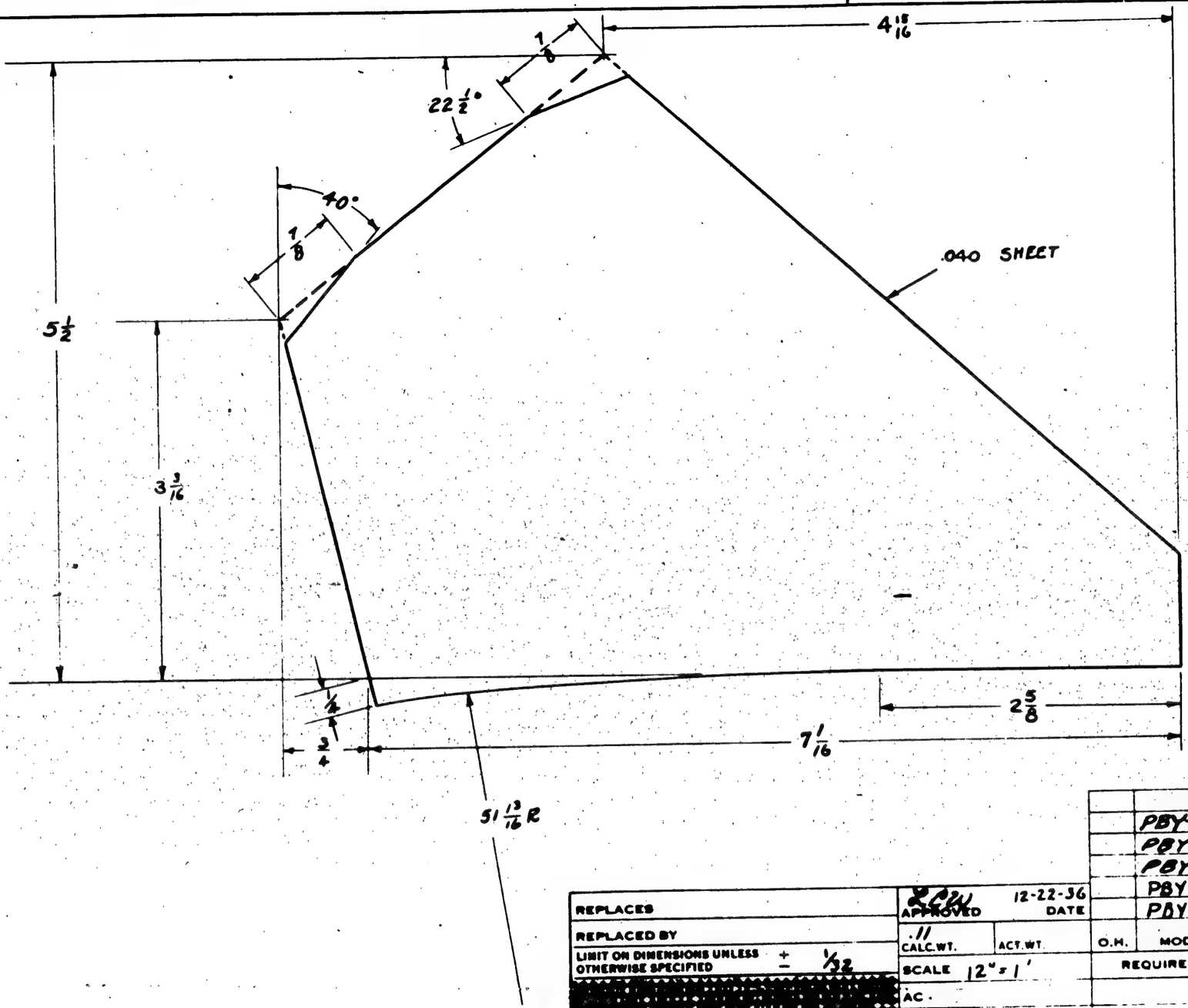
MOD	WT.
PBY-1	.09
PBY-2	.076

-1	PBY-3	28B1095								
	PBY-3	28B1095								
-1	PBY-2	28B1095								
	PBY-2	28B1095								
-1	PBM	28B1095								
	PBM	28B1095								
-1	XP3Y-1	28B1096	1							
	XP3Y-1	28B1095	1							
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	

FINISH: G.P.
Z-P-[redacted] ON XP3Y-1 & PBY-1
Z-P-[redacted] ON PBY-2 & FUTURE

REPLACES			
REPLACED BY			
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/64		
[redacted]	APPROVED [redacted] 2-3-37 DATE		
	NOTED CALC. WT. / ACT WT.		
SCALE 12 IN = 1 FT	REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.
AC			3-3-36 Anderson 6-4-36
NAVY AL. ALLOY STRIP	ANC-10 NAVY CLASS	SR 53	NOTED — PW WHITNEY 2-6-37 GREEN
MATERIAL 2450	SPEC.	HEAT TREAT	FINISH — DRAFT / CHECK / EXAM. / ENG
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.	NAME SUPPORT - HULL BOMBERS WINDOW COVER		OPP. HAND 28B1683-1
STAMP PT. No. WHERE SHOWN			DWG. B SIZE 28B1683

SULLIVAN-McKEOGAN CO. INC. BUFFALO
IMPERIAL TRACING CLOTH



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-22-36	B.D.S.

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28B1500	4						
	PBY-4	28B1500							
	PBY-3	28B1500							
	PBY-1	28B1500							
	PBY-2	28B1500							

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

R.C.W. APPROVED 12-22-36 DATE

.11 CALC. WT. ACT. WT.

SCALE 12" = 1'

AC.

NAVY Al. Alloy Sh. MATERIAL 24ST

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

47A10 SPEC. | NONE HEAT TREAT | NONE FINISH

L.O.C. Burr / MILLER

3-6-36 | 12-22-36 DRAFT | CHECK | EXAM. | ENG.

NAME

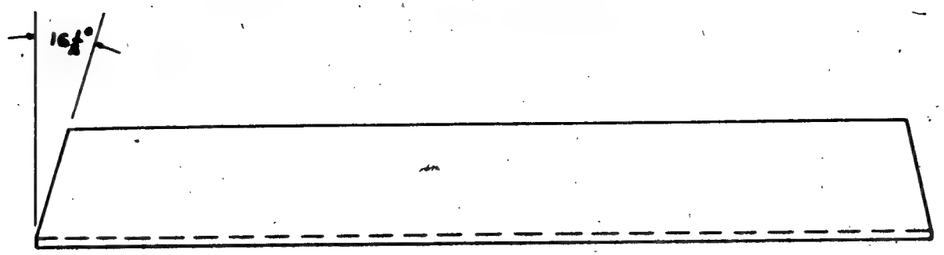
GUSSET HULL - BULKHEAD #5

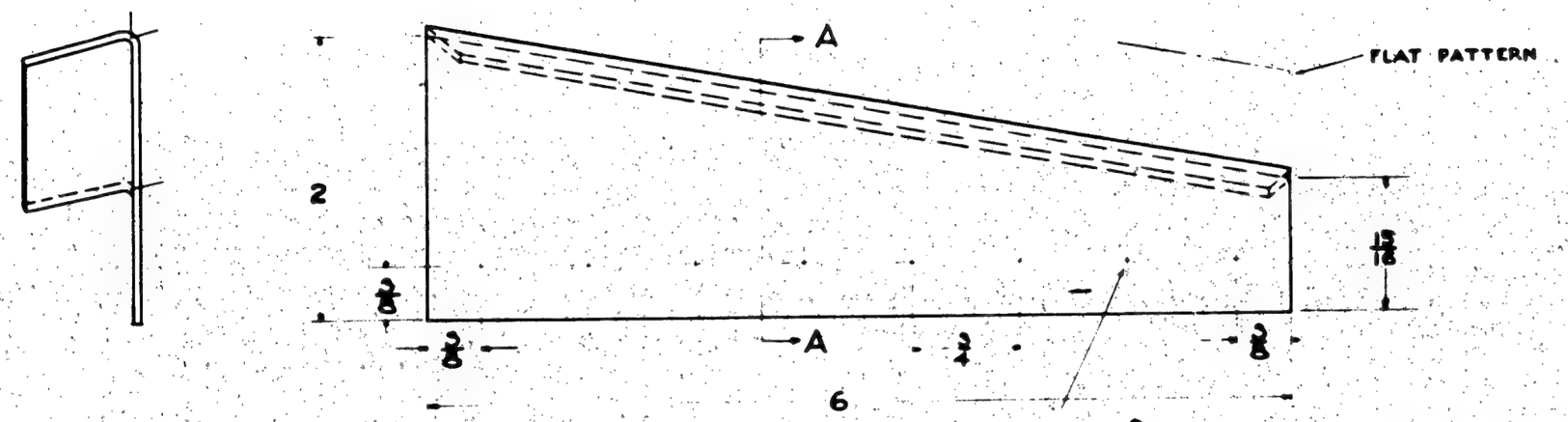
OPP. HAND

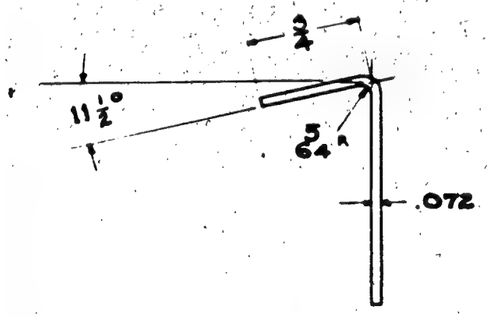
DWG. B SIZE 28B1692

SULLIVAN-MERRIGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-22-36	R.A.







SECTION AA

-R	PBY-5B	28B1694	2
-L	PBY-5B	28B1694	2
-1	PBY-3-4	2881694	
	PBY-3-4	2081694	
-1	PBY-2	2881694	
	PBY-2	2881694	
-1	PBY-1	28B1694	
	PBY-1	28B1694	

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED RCBu 12-22-36 DATE

.10 CALC. WT. ACT. WT

SCALE 12" = 1 FT.

AC

NAVY AL. ALLOY SH

MATERIAL 2450

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

4T A10 COND A	SR 55	NONE
SPEC.	HEAT TREAT	FINISH

LOC	Stier	MILLER	
3-6-36	1-12-37		
CRAFT	CHECK	EXAM.	ENG.

NAME

ANGLE - HULL - BULKHEAD #5

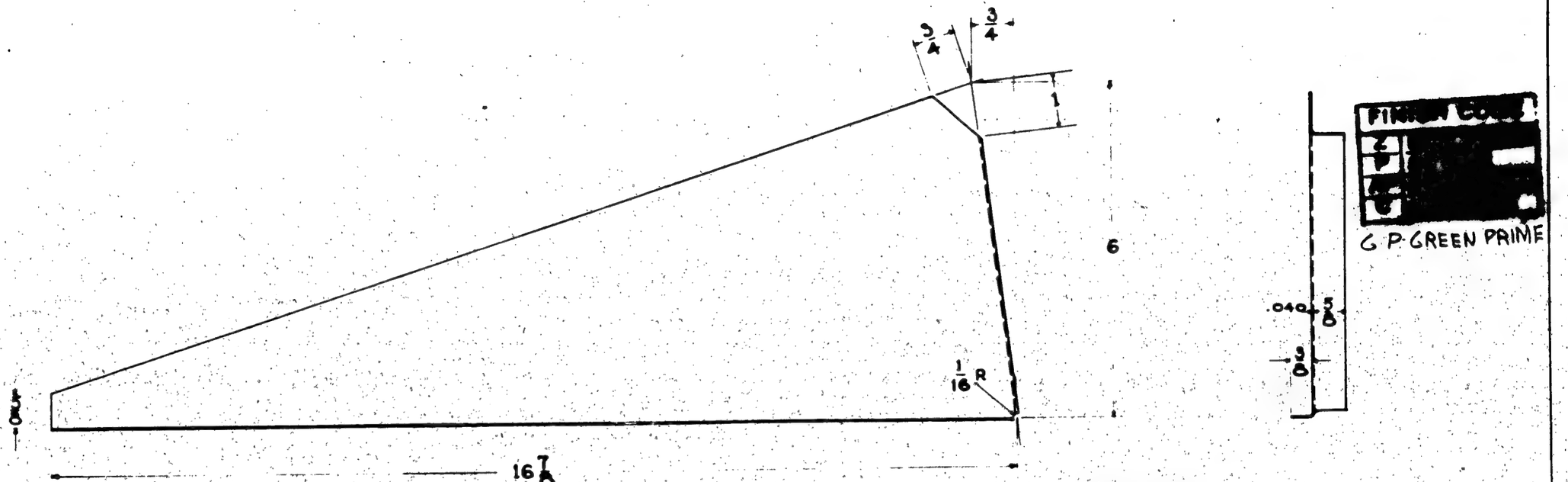
OPP. HAND 28B16931-1

DWG. B SIZE 28B1693

SULLIVAN McKEEGAN CO INC BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-22-36	R.A.
C	MATERIAL 24ST WAS 2450	10-31-40	CAHILL

E.O.19061



FINISH Code
2
1
C

G P GREEN PRIME

FINISH
2-P-[redacted] ON XP3Y-1 & PBY-1
2-P-[redacted] ON PBY-2 & FUTURE

RH	PBY-5,5A,5B	28B1124	1 EA.										
LH	PBY-5,5A,5B	28B1124	1 EA.										
-1	PBY-3-4	28B1124											
	PBY-3-4	28B1124											
-1	PBY-1-2	28B1124											
	PBY-1-2	28B1124											
-1	XP3Y-1	28B1124	1										
	XP3Y-1	28B1124	1										
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

R.P.W. APPROVED 12-22-36 DATE

.31 CALC WT. ACT WT.

SCALE 6" = 1 FT

AC

NAVY AL. ALLOY SH

MATERIAL 24ST

4TA/O CONDT	NONE	NOTED
SPEC.	HEAT TREAT	FINISH

LOC	Stier	GREEN	R
3-9-36	1-12-37	4-28-38	
DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO N.Y.

STAMP PT. No. WHERE SHOWN

NAME

BRACE-HULL-GUN TRACK SUPPORT

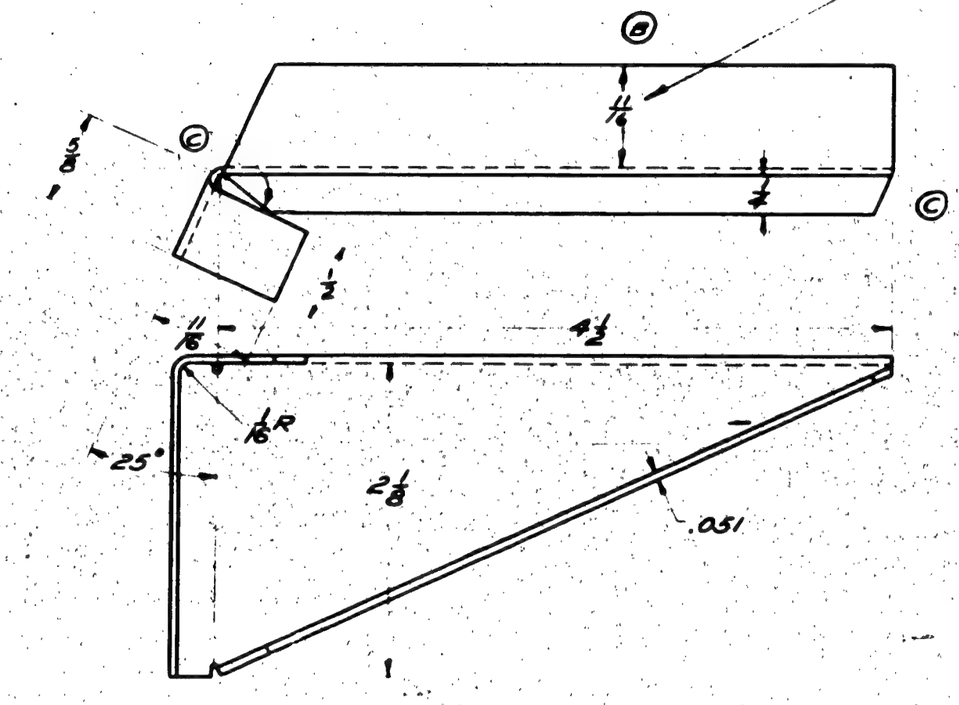
OPP. HAND 28B1696-1

DWG. B SIZE 28B1696

SULLIVAN-HERRMANN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-9-36	THURSTON
B	DIM. 5/16 WAS 5/8	6-28-37	[illegible]
C	CUT OFF CORNERS. & ADDED	"	"
	NOTES.		

PBY-3 ONLY
DIM. IS 5/8 FOR PBY-1 & -2



[redacted]
6P-GREEN PRIME

NOTE ~ C
CORNERS CUT OFF ON PBY-3 ONLY,
ARE 90° ON PBY-1 & -2.

FINISH G.P.
2-P-[illegible] ON XP3Y-1 & PBY-1
2-P-[illegible] ON PBY-2 & FUTURE

RH	PBY-5A	2881124	1								
LH	PBY-5A	2881124	1								
-1	PBY-3-4	2881124	1								
	PBY-3-4	2881124	1								
-1	PBY-2	2881124	1								
	PBY-2	2881124	1								
-1	PBY-1	2881124	1								
	PBY-1	2881124	1								
-1	XP3Y-1	2881124	1								
	XP3Y-1	2881124	1								
L/R	PBY-5B	2881124	1 EA								
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.		LH REQ.	RH REQ.	

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED [redacted]	DATE 12-9-36	REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.		
CALC. WT. .05	ACT WT				LOC	stein	GREEN
SCALE 12"-1'-0"							
AC							
NAVY AL. ALLOY SH.	ARMY COND. A	SR-63		NOTED	3-9-36	12-17-36	4-28-36
MATERIAL	SPEC.	HEAT TREAT		FINISH	DRAFT	CHECK	EXAM.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

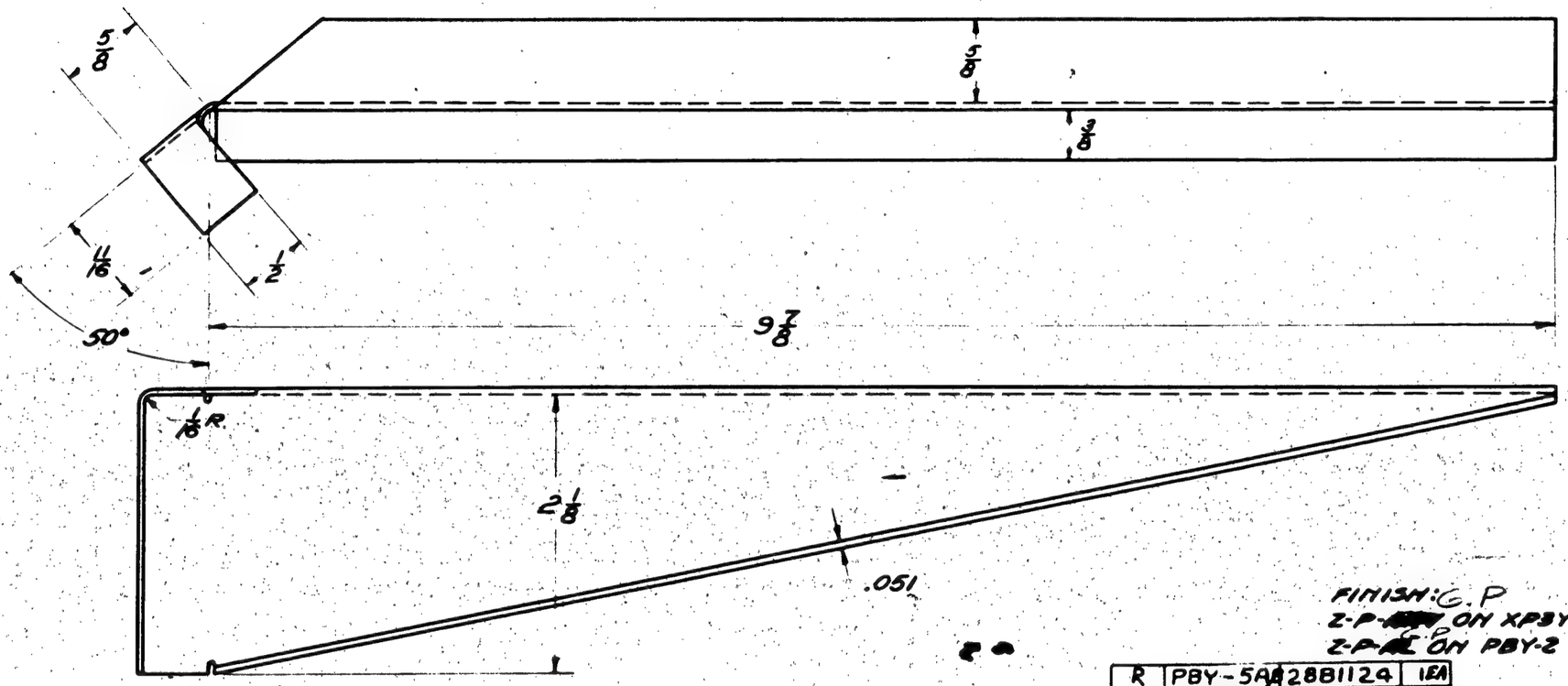
NAME
BRACKET-HULL-GUN TRACK-REAR-INNER

OPP HAND 2881697-1

DWG. B SIZE 28B1697

SULLIVAN-McKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-9-36	[illegible]



G.P. GREEN PRIME

[redacted]

FINISH: G.P
Z-P-[redacted] ON XPBY-1 & PBY-1
Z-P-[redacted] ON PBY-2 & FUTURE

R	PBY-5A	28B1124	1EA
L	PBY-5A	28B1124	1EA
-1	PBY-3-4	28B1124	
	PBY-3-4	28B1124	
-1	PBY-1-2	28B1124	
	PBY-1-2	28B1124	
-1	XPBY-1	28B1124	1
	XPBY-1	28B1124	1

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

KPW 12-9-36
APPROVED DATE

.13 CALC. WT. ACT WT

SCALE 12" = 1'-0"

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC

NAVY AL. ALLOY SH. | ATSIO COND. A | SR-53 | NOTED

MATERIAL | SPEC. | HEAT TREAT | FINISH

LOC Stan GREEN R

9-9-36 | 12-19-36 | 4-28-36

DRAFT | CHECK | EXAM. | ENG.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME
BRACKET - HULL GUN TRACK - REAR - OUTER

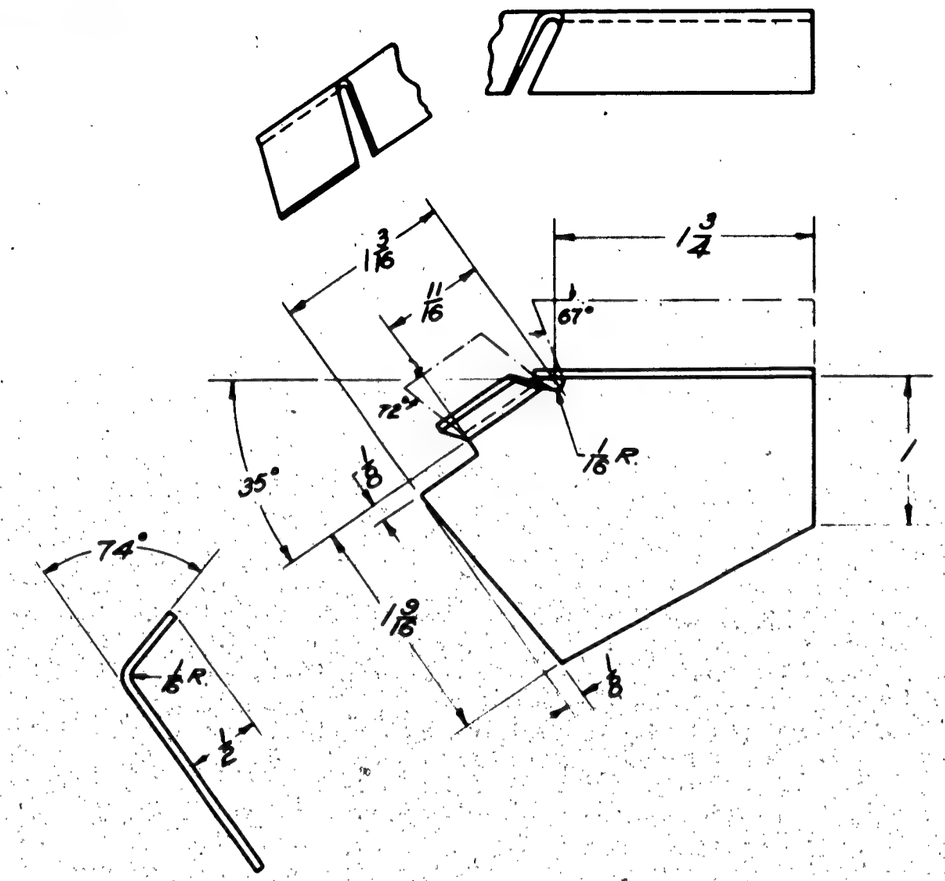
OPP. HAND 28B1698-1

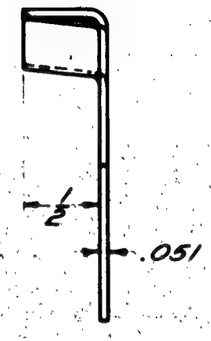
DWG. B SIZE

28B1698

SULLIVAN MCKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	12-21-36	THWOOD





G.P. GREEN PRIME

FINISH: G.P.
Z-P-[redacted] ON XP3Y-1 & PBY-1
Z-P-[redacted] ON PBY-2 & FUTURE
G.P.

L.H	PBY-5A[redacted]	28B1124	1
R.H.	PBY-5A[redacted]	28B1124	1
-1	PBY-2-[redacted]	28B1124	1
	PBY-2-4	28B1124	1
-1	PBY-1-3	28B1124	1
	PBY-1-3	28B1124	1
-1	XP3Y-1	28B1124	1
	XP3Y-1	28B1124	1

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

[redacted] 12-21-36
APPROVED DATE

.05 CALC. WT. ACT. WT.

SCALE 12"-1'-0"

AC

NAVY [redacted] AL. ALLOY SHEET

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.			
				L.O.C.		GREEN	R.
ATAN COND. A	SR-53	NOTED		2-28-36		4-28-36	
SPEC.	HEAT TREAT	FINISH		DRAFT	CHECK	EXAM.	ENG.

NAME
CLIP- HULL
STA. #0.66 ATTACHING

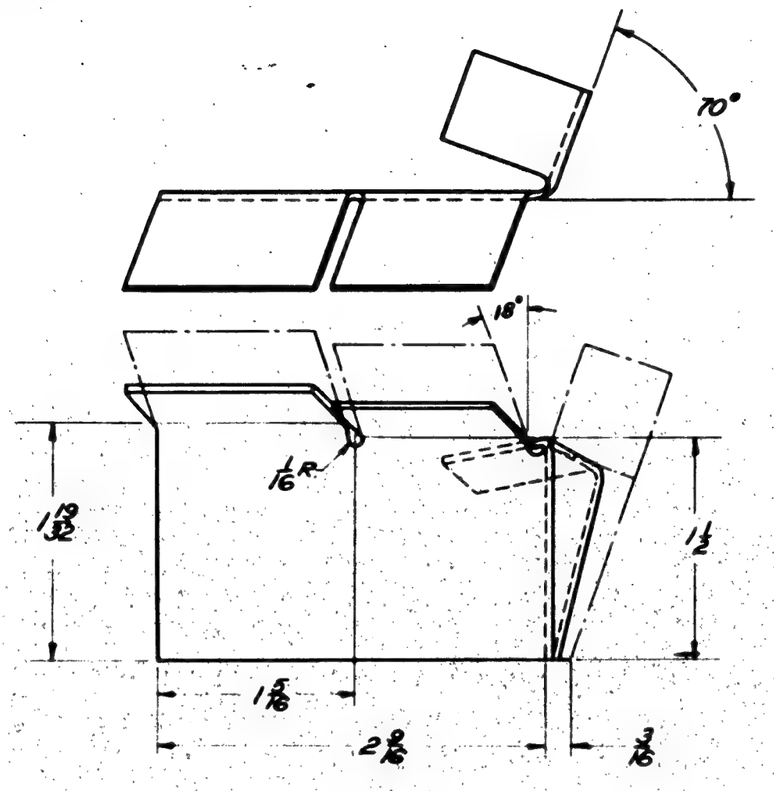
OPP. HAND 28B1699-1

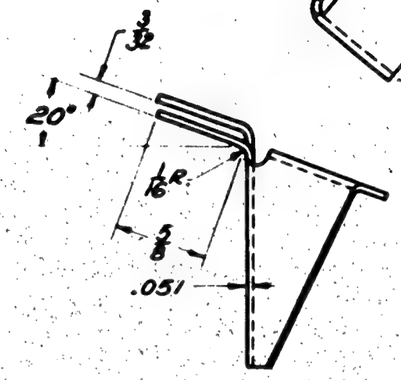
DWG. B SIZE 28B1699

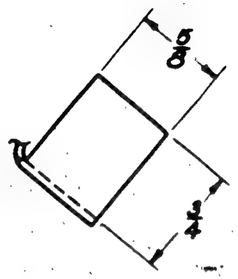
SULLIVAN-INGERSOLL CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-9-36	THACKER

G.P. GREEN PRIME







FINISH G.P.
2-P-[redacted] ON XP3Y-1 & PBY-1
2-P-[redacted] ON PBY-2 & FUTURES

RH	PBY-5A[redacted]	28B1124	1EA									
LH	PBY-5A[redacted]	28B1124	1EA									
-1	PBY-3-[redacted]	28B1124										
	PBY-3-[redacted]	28B1124										
-1	PBY-1-2	28B1124										
	PBY-1-2	28B1124										
-1	XP3Y-1	28B1124	1									
	XP3Y-1	28B1124	1									
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.			LH REQ.	RH REQ.	

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC				LOC	stin	GREEN	R
NAVY AL. ALLOY SH.	47A10 COND. A	SR-53	NOTED	9-10-36	12-17-36	4-28-36	
MATERIAL 2S50	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED [redacted] DATE 12-9-36

CALC. WT. .05 ACT. WT.

SCALE 12" = 1'-0"

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME CLIP - HULL - STA. #0.33 ATTACHING

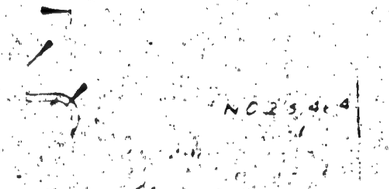
OPP. HAND 28B1702-1

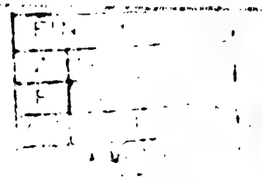
DWG. B SIZE 28B1702

SULLIVAN-MERRIGAN CO. INC. BUFFALO
IMPERIAL TRACING CLOTH

LET.	ALTERATION	DATE	BY

28B1705





ASSY DASH NO	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

REPLACES

CALC WT

REPLACED BY

ACT WT

SCALE

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
				-0		-2		-3		-4		-5	

PARTS LIST PER ASSY

A C						
NAVY			DRAFT	CHECK	STRUCT	MAT	APPROV	ENG
HEAT TREAT	FINISH							

NAME

OPP HAND

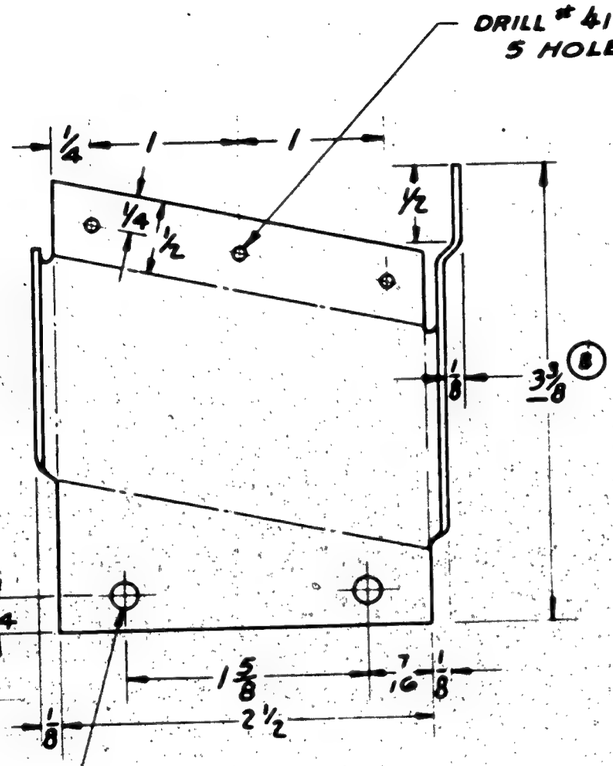
DWG

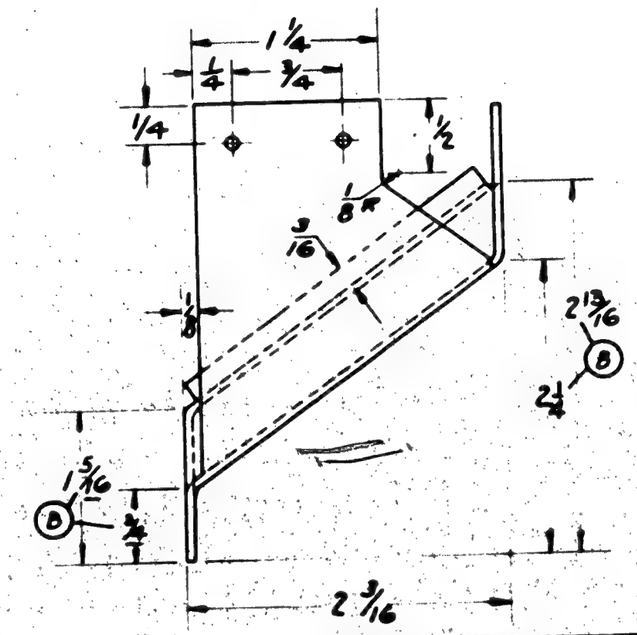
B

SIZE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-9-36	STIER
B	3 1/8 WAS 3 1/16, 2 13/16 WAS 2 5/16, 2 1/4 WAS 2 1 5/16 WAS 1 1/16, 3/4 WAS 1/2	2-1-38	Berger





G.P. GREEN PRIME

[redacted]

-R	PBY-5A	28B2024	1EA	
-L	PBY-5A	28B2024	1EA	
-1	PBY-4	28B2024		
	PBY-4	28B2024		
-1	PBY-3	28B2024	1	
	PBY-3	28B2024	1	
-1	PBY-2	28B2024	1	
	PBY-2	28B2024	1	
-1	PBY-1	28B004	1	
	PBY-1	28B004	1	

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

ALL BEND RADII 1/16

FINISH: Z-P-[redacted] G.P. PBY-1
Z-P-24[redacted] G.P. PBY-2 & FUTURE

REPLACES 28P0844 28P085

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015

[redacted]

KCW APPROVED 12-9-36 DATE

.07 CALC. WT. ACT. WT.

SCALE 12" = 1'-0"

AC.

NAVY. 051 AL. ALLOY SH. | 47A10 COND. A SPEC. | SR53 (COND. T.) HEAT TREAT | NOTED FINISH

MATERIAL (2450)

J.W.L.	Shuster	GREEN	
3-30-36	6-23-37	4-11-36	R
DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

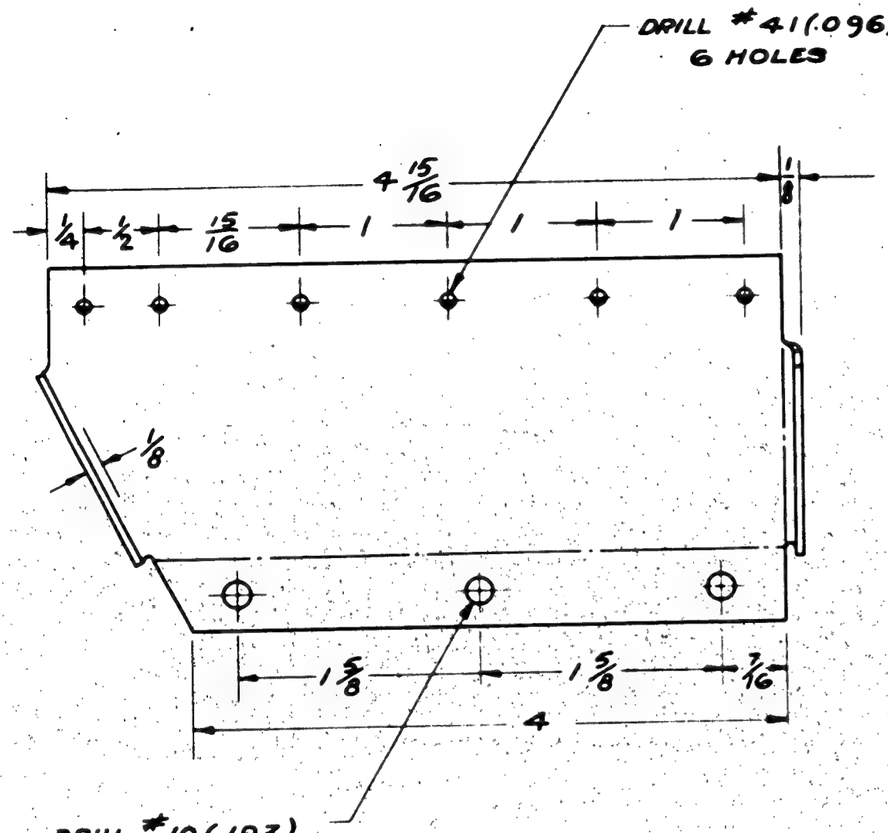
NAME BRACKET-HULL- THROTTLE & MIXTURE CONTROL UNIT FRONT

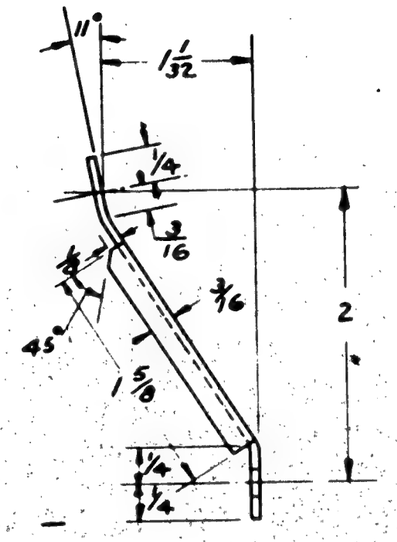
OPP. HAND 28B1752-1

DWG. B SIZE 28B1752

SULLIVAN MCKEEGAN CO INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-10-36	STIER





G.P GREEN PRIME

FINISH: G.P
Z-P-[redacted] ON PBY-1
Z-P-[redacted] ON PBY-2 & FUTURE

SAME FOR PBY-6B	-R	PBY-5A	28B2024	1									
	-L	PBY-5A	28B2024	1									
	-1	PBY-3-4	28B2024										
		PBY-3-4	28B2024										
	-1	PBY-2	28B2024	1									
		PBY-2	28B2024	1									
	-1	PBY-1	28B004	1									
		PBY-1	28B004	1									
O.H.		MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.			

REPLACES 28P086 & 28P087 — APPROVED [redacted] DATE 12-10-36

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015

.07 CALC. WT. — ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY .051 AL. ALLOY SH. (2450) MATERIAL

REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.
47A10 COND. A	SR53 (COND. T)	NOTED
SPEC.	HEAT TREAT	FINISH

J.W.L.	[redacted]	GREEN	
3-30-36	6-23-37	4-18-36	R
DRAFT	CHECK	EXAM.	ENG.

OPP. HAND 28B1753-1

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME BRACKET-HULL-THROTTLE & MIXTURE CONTROL UNIT REAR

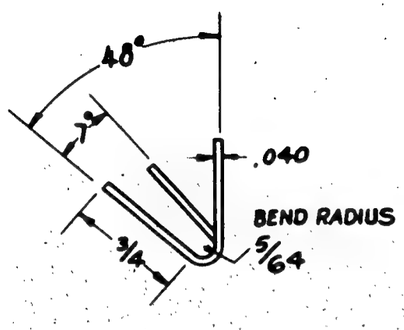
DWG. B SIZE 28B1753

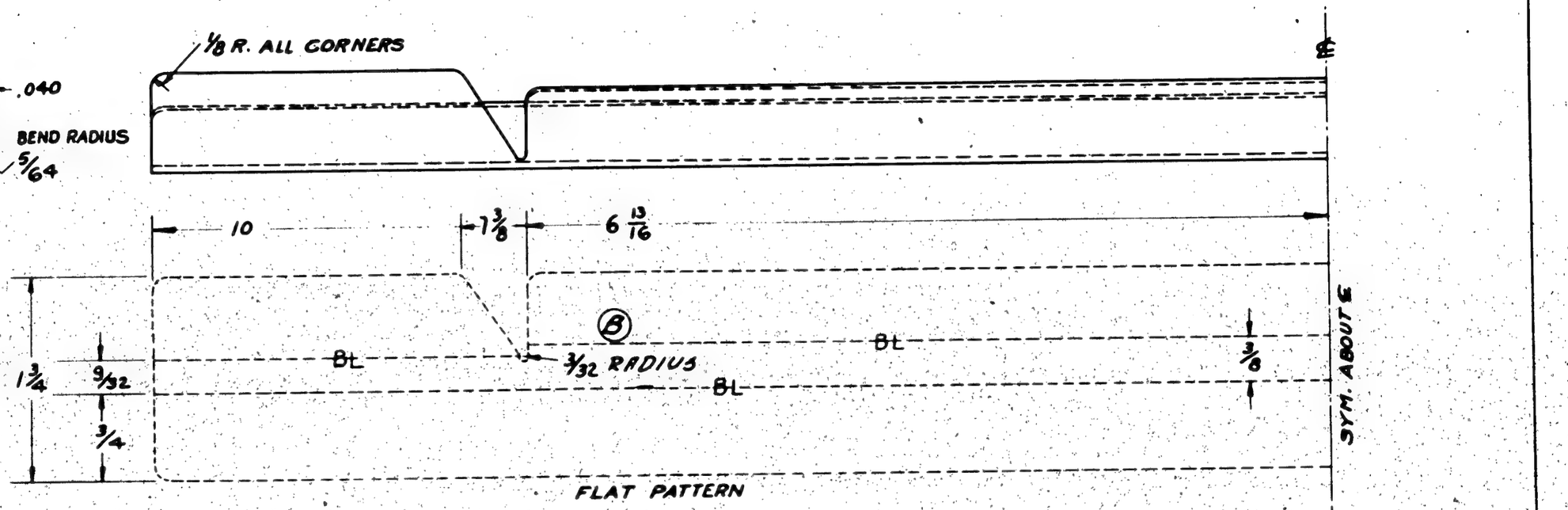
ALL BEND RADII 1/16

SULLIVAN-HUTCHESON CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-10-36	STIER
B	3/32 RADIUS WAS 3/32 DRILL	10-29-40	KEENEY

E.O. 29967





FLAT PATTERN

FINISH: G.P.
Z-P-[illegible] ON XP3Y-1 & PBY-1
Z-P-[illegible] ON PBY-2 & FUTURE
G.P.

G.P. GREEN PRIME

FINISH CODE	
Z	ANODIC TREATMENT
P	P 27 PRIMER
AP	[illegible] PRIMER
C	CADMIUM PLATE

	PBY-5A/5B	28B1131	1 EA								
	PBY-4	28B1131									
	PBY-3	28B1131									
	PBY-2	28B1131									
	PBY-1	28B1131									
	XP3Y-1	28B1131	1								
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.						

3-27-36	[illegible]	GREEN			
WHITNEY	6-23-37	5-4-36	R		
DRAFT	CHECK	EXAM.	ENG.		

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED [illegible] DATE 12-10-36

CALC. WT. -07 ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY AL. ALLOY SH'T

MATERIAL (245)

47A10 COND. A	SR53	NOTED
SPEC.	HEAT TREAT	FINISH

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

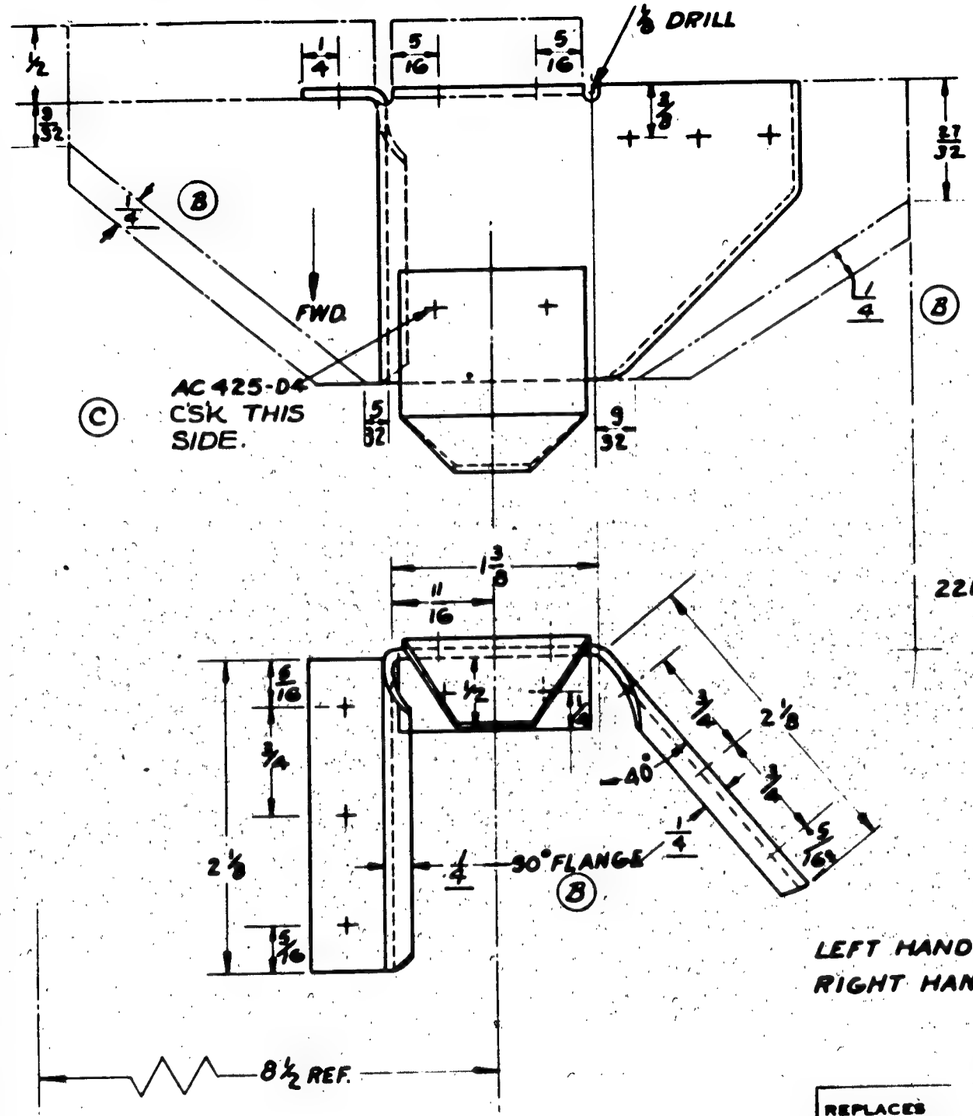
NAME
EDGING - BUMPER
HULL - NOSE

OPP. HAND

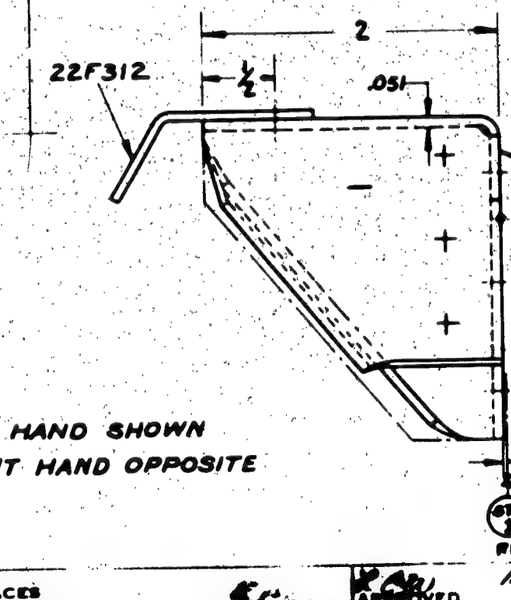
DWG. B SIZE 28B1757

SULLIVAN-MORGEDAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-11-36	STIER
B	1/4 FLANGES WERE 5/16 (WT. CHG. NEG) EDC #8850T	6-19-37	Chandler
C	ADDED NOTE "CSK THIS SIDE".		
	NO WT. CHG.	2-6-43	BAGALEY



ALL BENDS 1/16 R.



LEFT HAND SHOWN
RIGHT HAND OPPOSITE

ALL RIVETS AN442 D6 UNLESS OTHERWISE NOTED. RIVET ON ASSEMBLY

FINISH:
Z-P BEFORE ATTACHING CLIP 22F312
GP-FINISHED ASSEMBLY ON PBY-1
GP-FINISHED ASSY. ON PBY-2 & FUTURE

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIME

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
-4R	PBY-5A	2881100	1EA						
-4R	28-STINSON	2881100	1EA						
-1	PBY-3-4	2881100	1EA						
	PBY-3-4	2881100	1EA						
-4R	28-STINSON	2881100	1EA						
-1R	PBY-5	2881100	1EA				22F312	1	1
-1	PBY-1&2	2881100	1EA	AC 425 D4			-3		1
	PBY-1&2	2881100	1EA	AN 442 D6			2881785-2	1	

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

NOTED	NOTED	NOTED
SPEC.	HEAT TREAT	FINISH

DRAFT	CHECK	EXAM.	ENG.
WHITNEY 6-23-37	GREEN 4-24-36		R

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED 12-11-36 DATE
.09 CALC. WT. ACT WT.
SCALE 12" = 1'-0"
AC
NAVY NOTED
MATERIAL (24S)

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

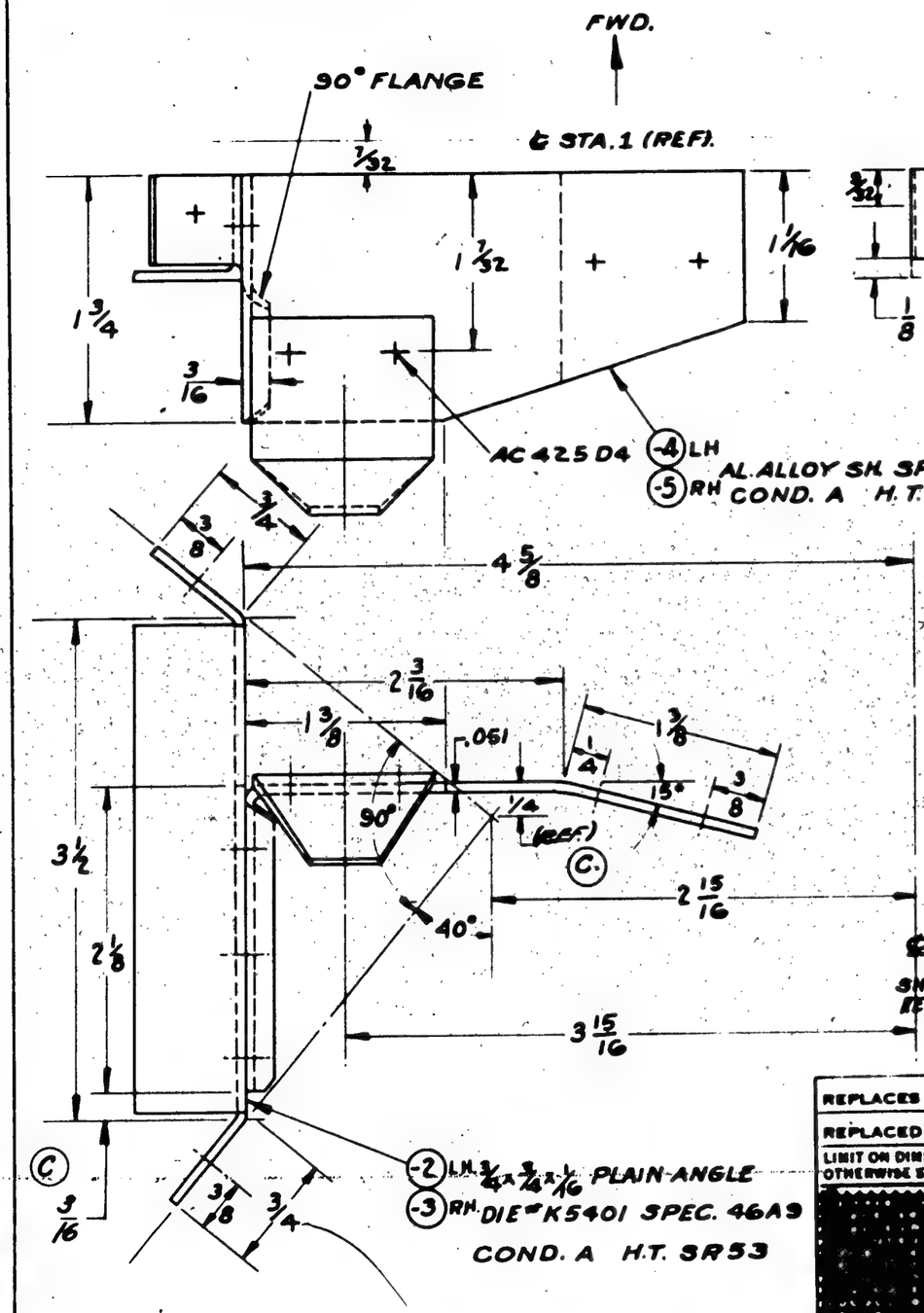
NAME SUPPORT-GUNNERS FLOOR HULL-FRONT

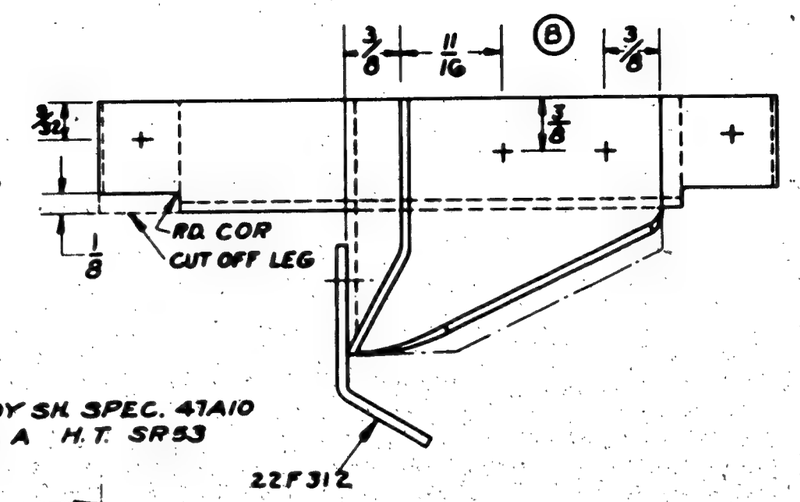
OPP. HAND 2881785-1

DWG. B SIZE 2881785

SULLIVAN-HODGDON CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET.	ALTERATION	DATE	BY
A	TRACED	12-11-36	STIER
B	3/8 DIMENSION WAS 5/8	2-26-37	F.B.T.
C	ADDED 3/16 DIM. & (REF.) TO 1/2 DIM.	7-9-40	MyEES





LEFT HAND SHOWN
RIGHT HAND OPPOSITE

ALL BENDS 1/16 R

ALL RIVETS AN442 DG UNLESS OTHERWISE NOTED. RIVET ON ASSEMBLY.

FINISH:
Z-P-2-3-4-5 BEFORE ATTACHING CLIP 22F312
~~ANY~~ FINISHED ASSEMBLY ON PBY-1
~~ALL~~ FINISHED ASSY. ON PBY-2 & FUTURE
GP

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP - GREEN PRIME

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
-1	PBY-5B	28B1100	1						
	PBY-5B	28B1100	1						
-1	PBY-5	28B1100							
	PBY-5	28B1100							
-1	PBY-3-4	28B1100							
	PBY-3-4	28B1100					22F312	1	1
-1	PBY-2	28B1100					-5		1
	PBY-2	28B1100					-4	1	
-1	PBY-1	28B1100		AC425D4			-3		1
	PBY-1	28B1100		AN442D6			28B1786-2	1	

#1-167

REPLACES		APPROVED [redacted] 12-11-37 DATE		REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.			
REPLACED BY		.13 CALC. WT.	ACT WT	SCALE 12" = 1'-0"		4-8-36	Shuler	GREEN	R
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32		AC				WHITNEY	6-23-37	4-24-36	
		NAVY NOTED (245)		NOTED	NOTED	NOTED	DRAFT	CHECK	EXAM. ENG.
		MATERIAL		SPEC.	HEAT TREAT	FINISH			

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

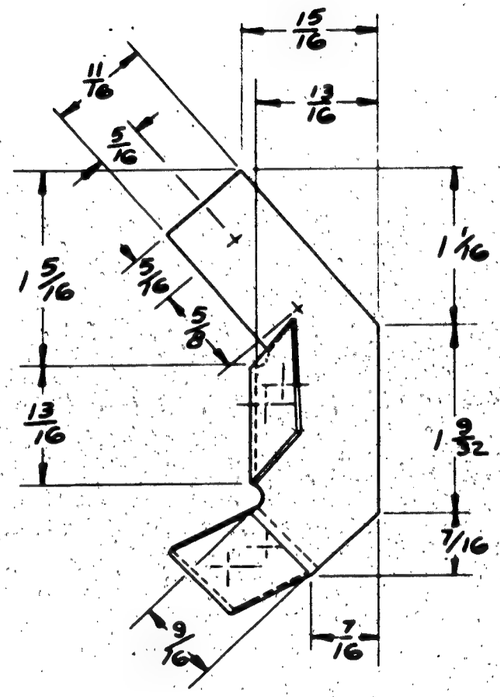
NAME SUPPORT- GUNNERS FLOOR- HULL- FRONT

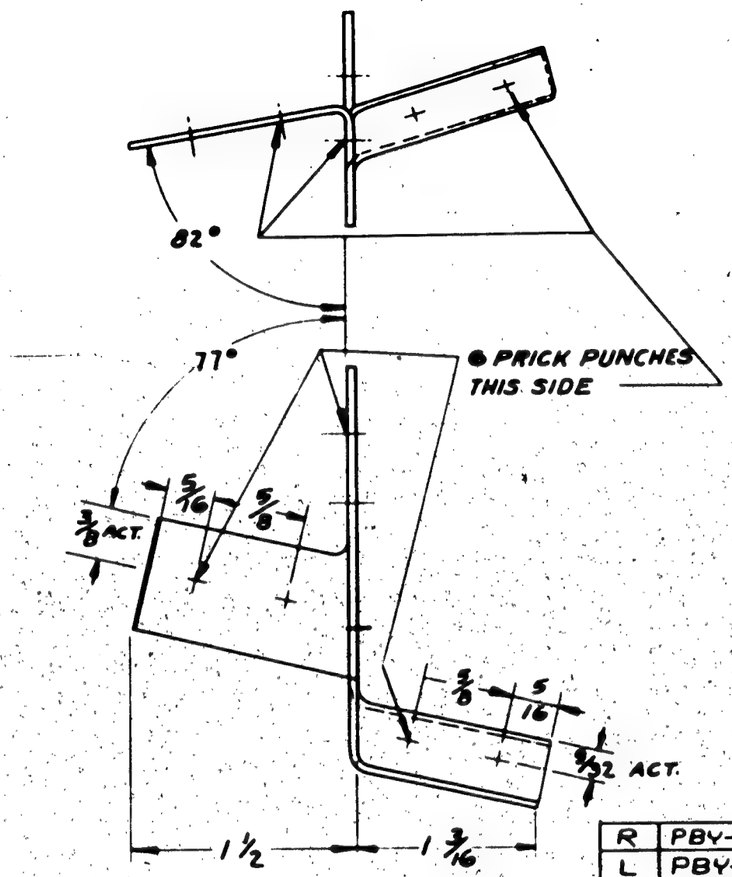
OPP. HAND 28B1786-1

SIZE B DWG 28B1786

SULLIVAN-SCHEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	12-11-36	STIER





ALL CUT & BEND RADII • 1/16

G.P. GREEN PRIME

FINISH: G.P.
Z-P [redacted] ON PBY-1
Z-P [redacted] ON PBY-2 & FUTURE G.P.

R	PBY-5A	28B2024	1 EA
L	PBY-5A	28B2024	1 EA
-1	PBY-3-4	28B2024	
	PBY-3-4	28B2024	
-1	PBY-2	28B2024	
	PBY-2	28B2024	
-1	PBY-1	28B2024	
	PBY-1	28B2024	

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

				1-22-36	[redacted]	MILLER	
AC				WILLIAMS	6-23-37		
NAVY 064 AL ALLOY SH.	4TA10 COND. A	SR53 COND. T	NOTED	DRAFT	CHECK	EXAM.	ENG.
MATERIAL 2450	SPEC.	HEAT TREAT	FINISH				

REPLACES 2881789 OF 4-6-36
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted] APPROVED 12-11-36 DATE
.04 CALC. WT. ACT WT.
SCALE 12" = 1'-0"

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

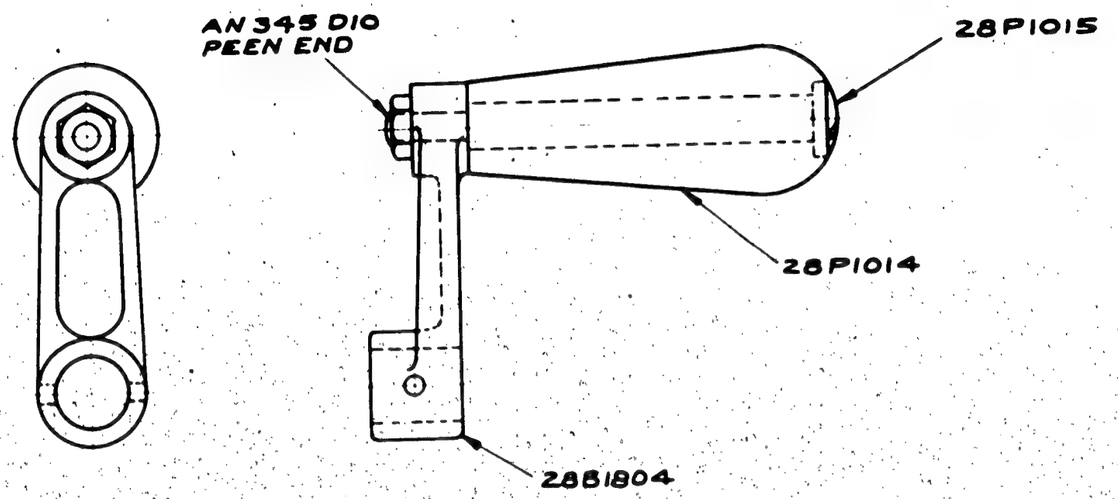
NAME CLIP — HULL - FRAME 1.66 ATT'G TO PILOTS ENCLOSURE

OPP. HAND 2881789 -1

DWG. B SIZE 28B1789

SULLIVAN-SCHOHAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-12-36	STIER
B	IN REQ PER AIRPLANE BLOCK ADDED		
	28B5811 NEXT ASSY FOR PBY5A		
	(1 REQ) & LIMITED TO 28B1808 TO		
	170 MCR 272A-1 FOR PBY5A.		
	& 28B5811 FOR MCR 272A-1 & ON.	9-2-43	LINDELL
	NO WT CHG.		



G.P. GREEN PRIME

FINISH:
GP EXCEPT HANDLE ON PBY-1
GP EXCEPT HANDLE ON
PBY-2 & FUTURE.

O.H.	MODEL	NEXT ASSY.	REQ.
	28-SAMN	28B1808	1
	28-SAMC	28B1808	1
	28-SMN	28B1808	1
	28-SML	28B1808	1
	28-SMC	28B1808	1
	28-SMA	28B1808	1
	OA-10	28B1808	1
	PBY-5	28B1808	1
	PBY-5A	28B5811	1
	PBY-5B	28B1808	1
	PBY-5A	28B1808	1
	PBY-4	28B1808	
	PBY-3	28B1808	
	PBY-2	28B1808	
	PBY-1	28B1808	

NCR "272A-1 & ON
"1 TO NCR 272A-1

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
			28P1015	1	
AN345 D10	1		28P1014	1	
			28B1804	1	

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

SPEC. | HEAT TREAT | FINISH: NOTED

LOC Plumber GREEN
4-16-36 | 6-23-37 | 5-4-36
DRAFT | CHECK | EXAM. | ENG.

OPP. HAND

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −

[redacted]

APPROVED 12-12-36 DATE
.11 CALC. WT. | ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY
MATERIAL

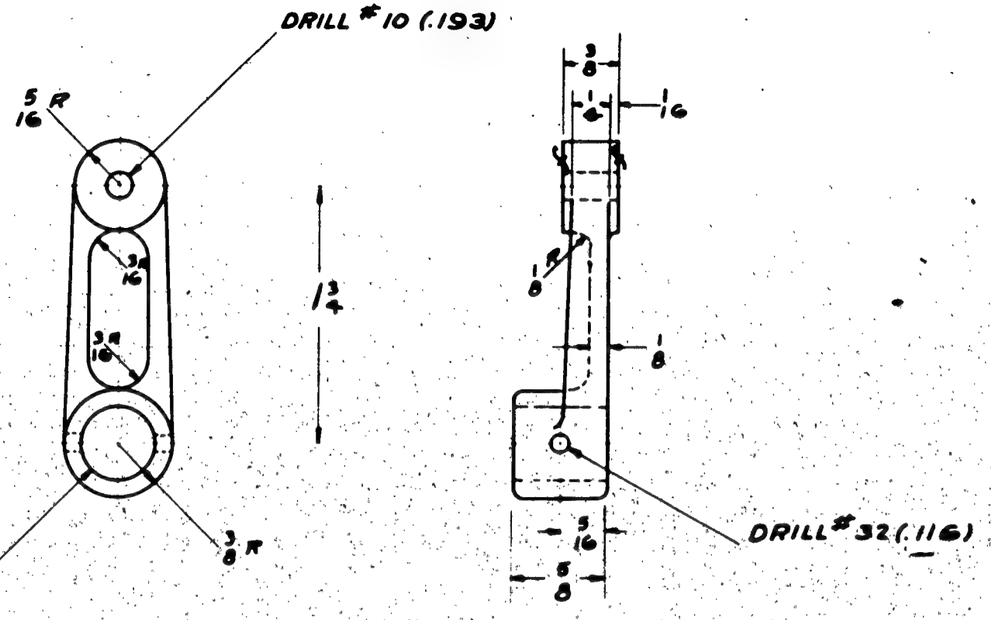
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

NAME CRANK - HULL - BOMBERS WINDOW SLIDING COVER

DWG. B SIZE 28B1803

SULLIVAN-HORSEMAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-12-36	STIER
B	IN B/M, REPLACED, "AL. ALLOY CASTING, 356 AI CL. 2, 29,000 #/□"; WITH 'NOTED'.		
	ON FACE OF DWG. ADDED "1-MAT'L. MAY BE: BR'T AIR/REQTS. TO DATE.		
	(NO WT. CHG)	7-10-37	NOBLE



NOTES:

(B) 1- MATERIAL MAY BE:

(A) 195T4 AL. ALLOY CASTING, SPEC. AN-QQ-A-390 CL I, H.T. 29,000 #/□", OR

(B) S-195T6 AL. ALLOY CASTING, SPEC. AN-A-5 CL II, H.T. 32,000 #/□".

	ALL 28-5's	28B1808	1								
	PBY-5	28B1803	1								
	PBY-5B	28B1803	1								
	PBY-5A	28B1803	1								
	PBY-4	28B1803									
	PBY-3	28B1803									
	PBY-2	28B1803									
	PBY-1	28B1803									
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		

REPLACES		APPROVED [redacted]	DATE 12-12-36	REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.	
REPLACED BY		CALC. WT. .04	ACT WT			LOC [redacted]	GREEN R
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32	SCALE 2" = 1'-0"				4-16-36	6-23-37 5-4-36
[redacted]		AC				DRAFT	CHECK EXAM ENG.
		NAVY NOTED		NOTED	NOTED	Z-P	
		MATERIAL		SPEC.	HEAT TREAT	FINISH	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

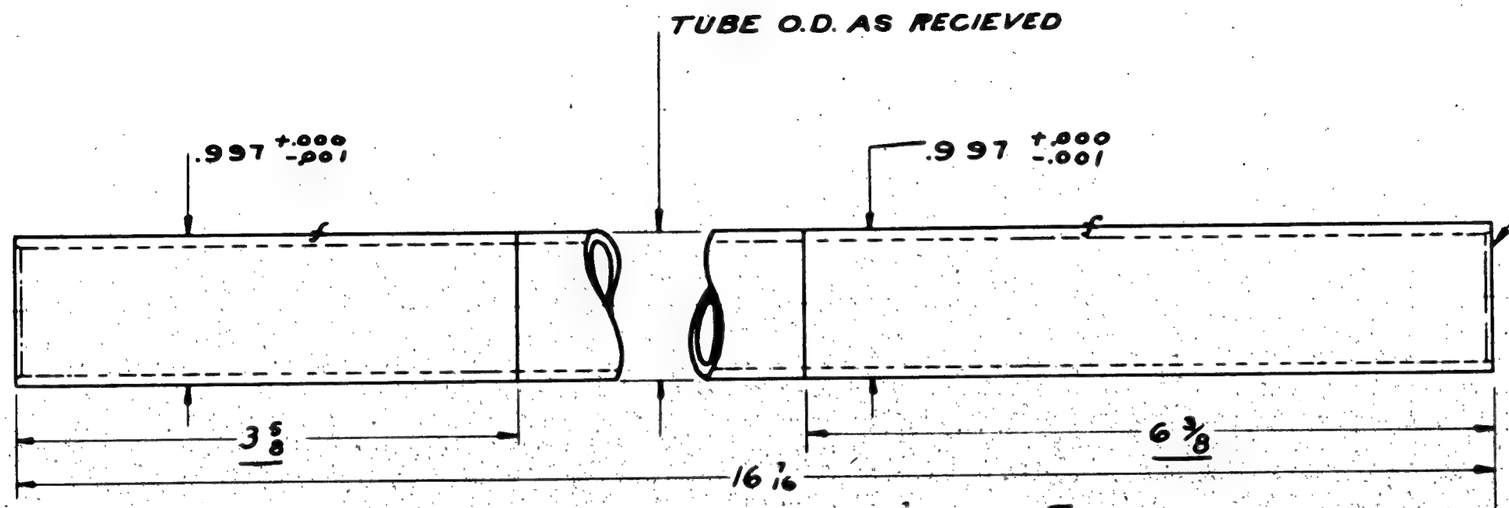
NAME ARM - HULL - BOMBERS WINDOW SLIDING COVER CRANK

OPP. HAND

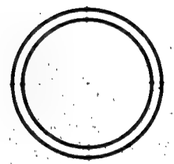
DWG. B SIZE 28B1804

SULLIVAN-McGOGAN CO. INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-12-36	STER



NOTE - ENDS OF SHAFT MAY BE CENTERED FOR TURNING IF NECESSARY



MAKE FROM 1" DIA. X.065 TUBE

FINISH:
2-P INSIDE & OUTSIDE
2 ~~P~~ G.P. INSIDE ONLY ON PBY-1
2 G.P. INSIDE ONLY ON PBY-2 & FUTURE

	PBY-5B	28B1808	1									
	PBY-5A	28B1808	1									
	PBY-4	28B1808										
	PBY-3	28B1808										
	PBY-2	28B1808										
	PBY-1	28B1808										
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + 1 − 32

APPROVED [redacted] 12-12-36 DATE

CALC.WT. .31 ACT.WT.

SCALE 12" = 1'-0"

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC

NAVY AL ALLOY TUBE | 44T21 COND. T | NONE | NOTED | LOC | [redacted] | GREEN |

MATERIAL | SPEC. | HEAT TREAT | FINISH | 4-17-36 | 6-23-37 | 5-4-36 | R °

DRAFT | CHECK | EXAM. | ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. NO. WHERE SHOWN

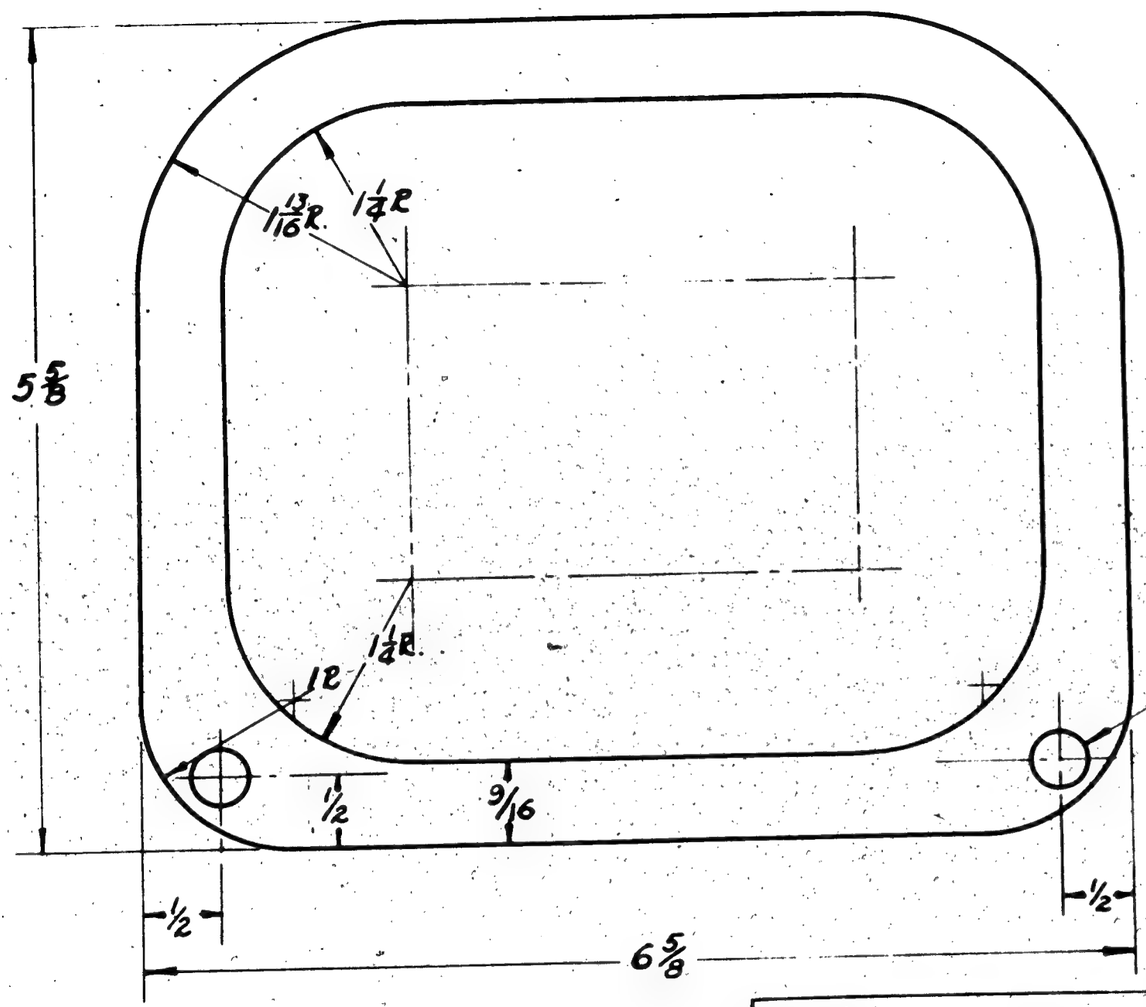
NAME SHAFT - HULL - BOMBERS WINDOW SLIDING COVER OPERATING

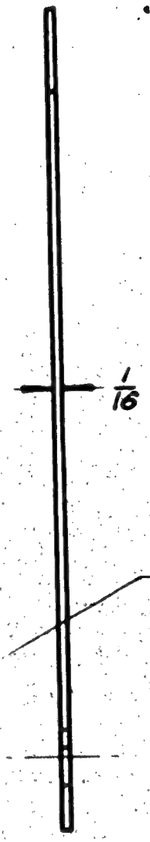
OPP. HAND

DWG. B SIZE 28B1805

SULLIVAN-McKEEGAN CO INC BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-25-37	RMcC
B	CHANGED MAT'L. "SYN. RUBBER - - -		
	ZM-048" WAS "SULPHUR FREE		
	GUM RUBBER" WT. CHG. NEG.	11-14-42	[illegible]





	PBY-6	28B1703	1															
	28-5MN, MMN	28B1703	1 EA.															
	28-5MC, MMC	28B1703	1 EA.															
	28-5 MAGNE	28B1703	1 EA.															
	PBY-5B	28B1703	1															
	PBY-5A	28B1703	1															
	PBY-4	28B1703																
	PBY-3	28B1703	1															
	PBY-2	28B1703	1															
	PBY-1	28B1703	1															

	PBY-6	28B1703	1															
	28-5MN, MMN	28B1703	1 EA.															
	28-5MC, MMC	28B1703	1 EA.															
	28-5 MAGNE	28B1703	1 EA.															
	PBY-5B	28B1703	1															
	PBY-5A	28B1703	1															
	PBY-4	28B1703																
	PBY-3	28B1703	1															
	PBY-2	28B1703	1															
	PBY-1	28B1703	1															

	PBY-6	28B1703	1															
	28-5MN, MMN	28B1703	1 EA.															
	28-5MC, MMC	28B1703	1 EA.															
	28-5 MAGNE	28B1703	1 EA.															
	PBY-5B	28B1703	1															
	PBY-5A	28B1703	1															
	PBY-4	28B1703																
	PBY-3	28B1703	1															
	PBY-2	28B1703	1															
	PBY-1	28B1703	1															

REPLACES	APPROVED	DATE
REPLACED BY		
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32		

.03 CALC. WT.	ACT. WT.	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
SCALE 12" = 1'-0"		REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				
AC											
NAVY 1/16 SYN RUBBER TYPE III, 90 D	C.A.C. REPORT ZM-048	NONE				NONE					
MATERIAL	SPEC.	HEAT TREAT				FINISH					

	JNL		GREEN	
	2-25-37	2-26-37	3/24/37	
DRAFT	CHECK	EXAM.	ENG.	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME GASKET — HULL — TAIL POST INSPECTION DOOR

OPP HAND

DWG. B SIZE 28B1814

SULLIVAN-GRIFFITHS CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

BUREAU CHANGE INCORPORATED
CHANGE "53" PBY-1 ALL

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-11-36	CCB
B	DIMS. ADDED FOR PBY-2 & (-4) PBY-3	6-22-37	R.T.D.
C	PBY-3 REQ'MTS. ADDED	"	"
D	28B1876-3 REPLACES 28B1876-2	3-10-38	[illegible]
	-4 ASSY BECOMES REQ'D ON PBY-1	"	"
E	CORRECTED VIEW TO CONFORM WITH CHANGE "B" ON 28B1879. ADDED PBY-5 REQ'T.	1-12-40	M'D.
F	ADDED ½ DIM.	3-29-40	Rowe
G	NOTE "C'S'K. ..... ASSY. WAS C'S'K. ... ENDS" NO WT. CHG	5/14/42	CAPT. Copy

G.P. GREEN PRIME

FINISH CODE	
Z	[redacted]
P	[redacted]
AP	[redacted]
C	[redacted]

6-Q 4305-03
BRAZIER HEAD THIS SIDE
C'S'K HEAD OTHER SIDE.

28B1877

28B1584-3

28B1582

6-AC 425-04
C'S'K. OUTSIDE

(G) AC 425-04
C'S'K. ONE SIDE ONLY
C'S'K OPP. END
AT ASSY.

(D) (-3) 1¾ O.D. X .058 AL. ALLOY TUBE
SPEC-44T21 CONT. [17ST]
H.T. NONE

28B1878

4-AC 425-04
C'S'K OUTSIDE

CHAMFER
32 X 45°

(F) ½

3/16 DRILL
THRU-3 ONLY

℄ SYMM.

A — A

2⅜ REF.

5/16

1/4

5⅜

3¾

7 11/32

FINISH 2 COATS BLACK ENAMEL

SECTION A A

28B1878
CEMENT ON TO 28B1582

FINISH Z-P BEFORE
ASSEMBLING 28B1878 & 28B1879
G.P. [redacted] AFTER ON PBY-1
G.P. [redacted] AFTER ON PBY-2 & FUTURE

-4	C8-5MN	C8B4152	1	-4	C8-5MN	C8B4152	1	-4	C8-6MA	C8B4160	1		
				-4	C8-5MN	C8B4150	1	-4	PBY-5A	C8B4152	1		
				-4	C8-5ME	C8B4152	1	-4	PBY-5A	C8B4150	1		
-4	C8-5AMN	C8B4152	1	-4	C8-5ME	C8B4150	1	-4	PBY-5	28B4152	1EA		
-4	C8-5AMN	C8B4150	1	-4	C8-5MC	C8B4152	1	-4	PBY-5	28B4150	1EA		
-4	C8-5AMC	C8B4152	1	-4	C8-5MC	C8B4150	1	-4	PBY-4	28B1875			
-4	C8-5AMC	C8B4150	1	-4	C8-5MA	C8B4152	1	-4	PBY-3	28B1875			
								-4	PBY-2	28B1875		Q4305-03	
								-4	PBY-1	28B1876		AC425-04	

PART NO.	-4 REQ.	RH REQ.	LH REQ.
28B1584-3	1		
28B1582	1		
28B1879	1		
28B1878	1		
28B1877	1		
28B1876-3	1		
28B1876-4 ASS'Y			

REPLACES				
REPLACED BY				
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32				
APPROVED [redacted] DATE 12-11-36				
CALC. WT. 32 SNA ACT. WT.	O.H.	MODEL	NEXT ASSY.	REQ.
SCALE 12" = 1'0"	REQUIREMENTS PER AIRPLANE			MAT.
AC				
NAVY NOTED	NOTED	NOTED	NOTED	
MATERIAL	SPEC.	HEAT TREAT	FINISH	

12/4/36	Stein	Miller		
12-4-36				
DRAFT	CHECK	EXAM.	ENG.	

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. NO. WHERE SHOWN

NAME
POST-HULL-
AFT GUN HATCH SNUB

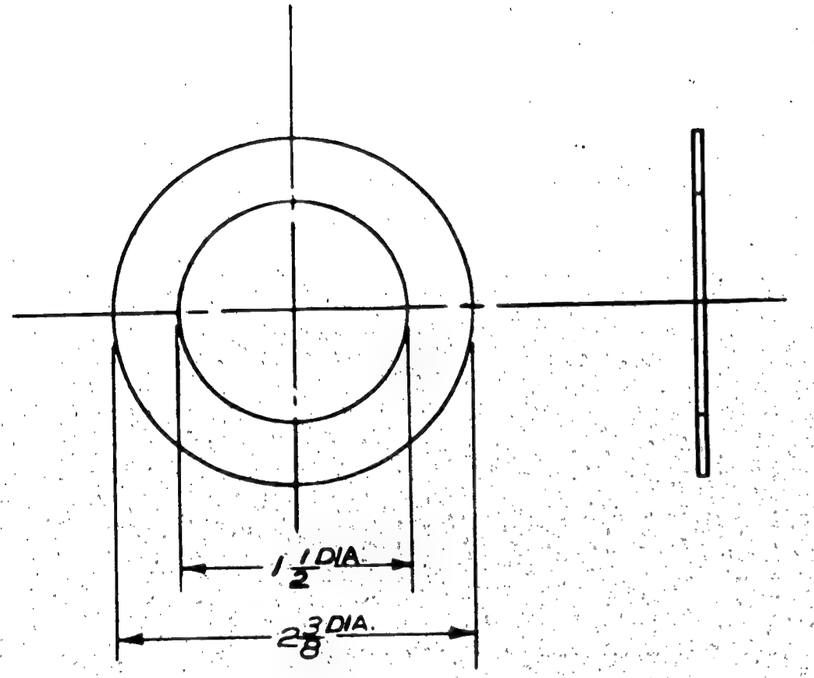
OPP. HAND

DWG. B SIZE 28B1876

BULLIVAN-SCHEEDAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

28B1878

LET	ALTERATION	DATE	BY
E	TRACED NO WT. CHG.	7-4-43	HENDERSON



	PBY-3	28B1584			PBY-5B	28B1876	2
	PBY-2	28B1876			PBY-5B	28B1584	4
	PBY-2	28B1584			PBY-5A	28B5082	2
	PBY-1	28B1876			PBY-5A	28B1876	2
	PBY-1	28B1584			PBY-5A	28B1584	4
	28-5AMN	28B1876	2		PBY-5	28B5082	2
	28-5AMN	28B1584	4		PBY-5	28B1876	2
	28-5MN	28B1876	2		PBY-5	28B1584	4
	28-5MN	28B1584	4		PBY-4	28B1876	2
	28-5ME	28B1876	2		PBY-4	28B1584	4
	28-5ME	28B1584	4		PBY-3	28B1876	
	28-5AMC	28B1876	2				
	28-5AMC	28B1584	4				
	28-5MC	28B1876	2				
	28-5MC	28B1584	4				
	28-5MA	28B1876	2				
	28-5MA	28B1584	4				

ASSY DASH NO | MODEL | NEXT ASSY. | REQ

NO ☡(3)464

C#70496 #77713 & 88476 ONLY
C#91876 #90 & 346 & ON

C#70496, C91876 #1-89 & 91-345

ASSY DASH NO. | MODEL | NEXT ASSY REQ

REQUIREMENTS PER AIRPLANE

REPLACED 28B1878 6-3-36 | .01 CALC WT. | ACT WT.

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 | SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
	1/16 x 2 1/2 DIA	SYN RUBBER	ZM-048	-0	-0	-2	-2	-3	-3	-4	-4	-5	-5

PARTS LIST PER ASSY.

AC		6-3-36	BOI	MILLER	
NAVY NONE	NONE	WILLIAMS			L.W
HEAT TRFAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG

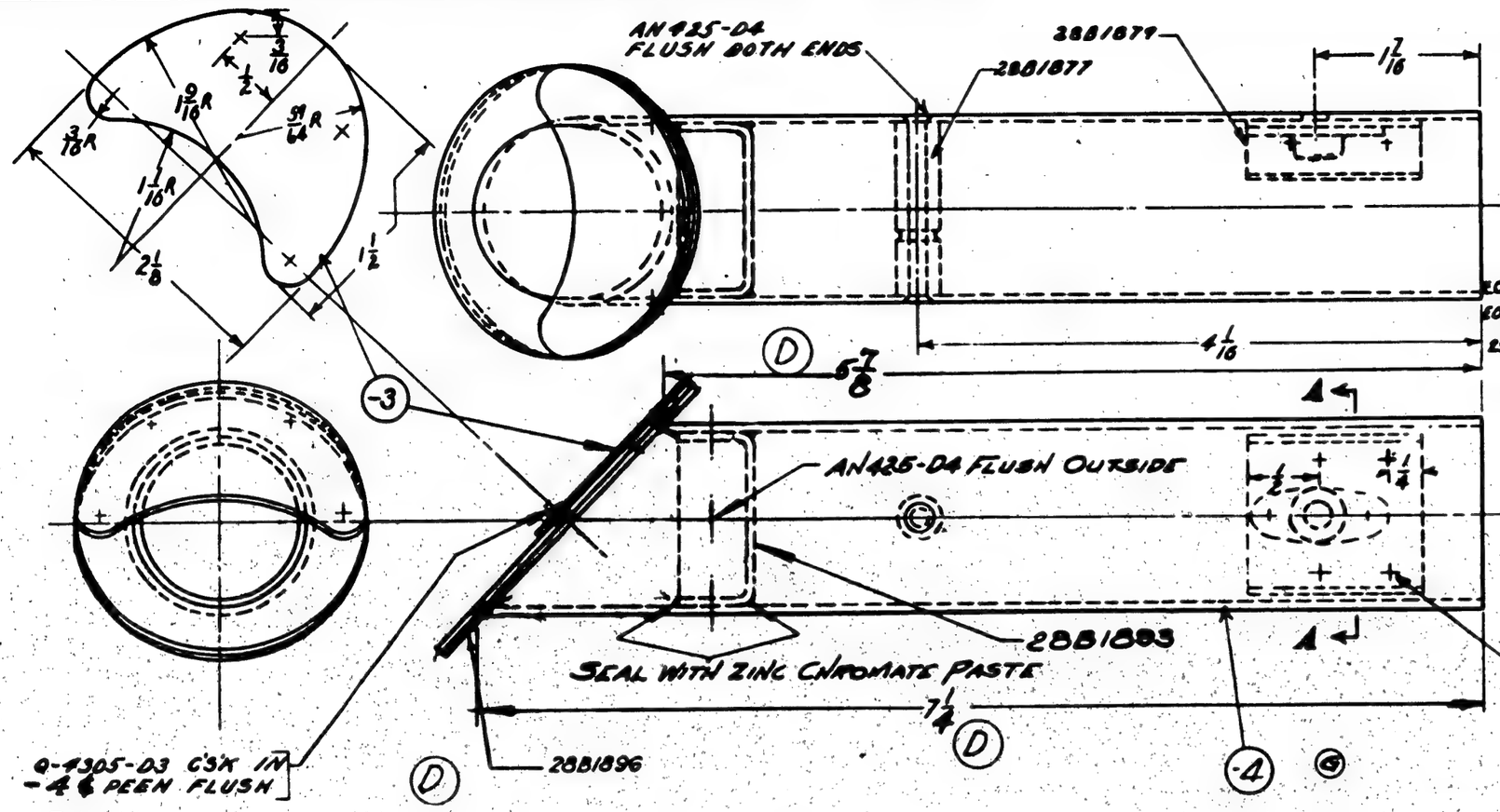
NAME GASKET-HULL-AFT GUN HATCH SNUBBING POST

OPP HAND NONE

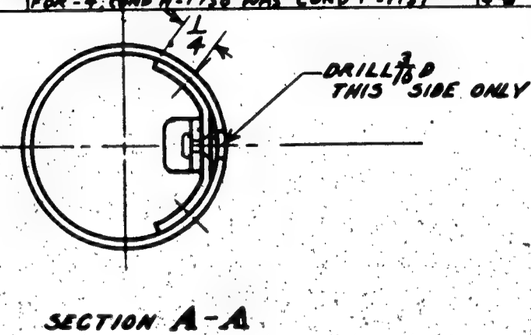
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF

DWG B SIZE | 28B1878

R



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-14-36	W.D.K.
B	FINISH SPEC. WAS Z-2P BEFORE ASSEM & ZBL AFTER ASSEM ETC.	1-25-38	Gorham
	ADDED NOTE 6 28B1896 FLAT BLACK ENAMEL ETC.		
C	CORRECTED VIEW TO AGREE WITH CHANGE "B" ON 28B1879	4-12-40	M.C.D.
D	CUT FLANGE OFF -2 REMOVED 28B1893 ADDED NEW PART 28B5129 DIMENSION 7 1/4 CHANGED TO 7 1/4	6-26-40	K.J.G.
E	-2 WAS SPEC 44T21 COND A 1750	10-30-40	[illegible]
F	DISCARDED CHANGES "D"	11-29-40	[illegible]
G	CHANGED -2 TO -4; REMOVED	4-9-41	[illegible]
	28B5129 FROM BM; 28B1893 (REQ WAS 2)		
H	FOR -4, COND A-1750 WAS COND T-1751	4-8-42	[illegible]



SECTION A-A

AN425 D4 FLUSH ON OUTSIDE

MATERIAL:
- -4 1/8 O.D. x .058 AL. ALLOY TUBE SPEC. 44T21 COND. A 1750 H.T. 52-55. (E) (H)
- -3 .030 AL. ALLOY SHEET SPEC. 17A10 COND. T. 24ST

FINISH:
Z-P BEFORE ASSEM. 28B1879 & 28B1896 & ZBL AFTER ASS'Y (B)

	P6Y-5	28B1890-1								
	P6Y-5	28B1890								
	P6Y-4	28B1870-1								
	P6Y-4	28B1870					28B1893	1		
	P6Y-3	28B1870-1					28B1896	1		
	P6Y-3	28B1890								
	P6Y-2	28B1890-1					28B1879	1		
	P6Y-2	28B1870		Q4305-03			28B1877	1		
	P6Y-1	28B1870-1		AN425-04			-3	1		
	P6Y-1	28B1890		Q4305-04			28B1892-4	1		
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	

REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.			
				K.M.Yeast	Steel	Miller	
NAVY NOTED	NOTED	NOTED	NOTED	6-15-36	12-17-36		
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

K.C.W. APPROVED 12-14-36 DATE

CALC.WT. .23 ACT.WT.

SCALE 12"=1'0"

AC

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME: STEP ASSEM. - HULL BOW RETRACTING

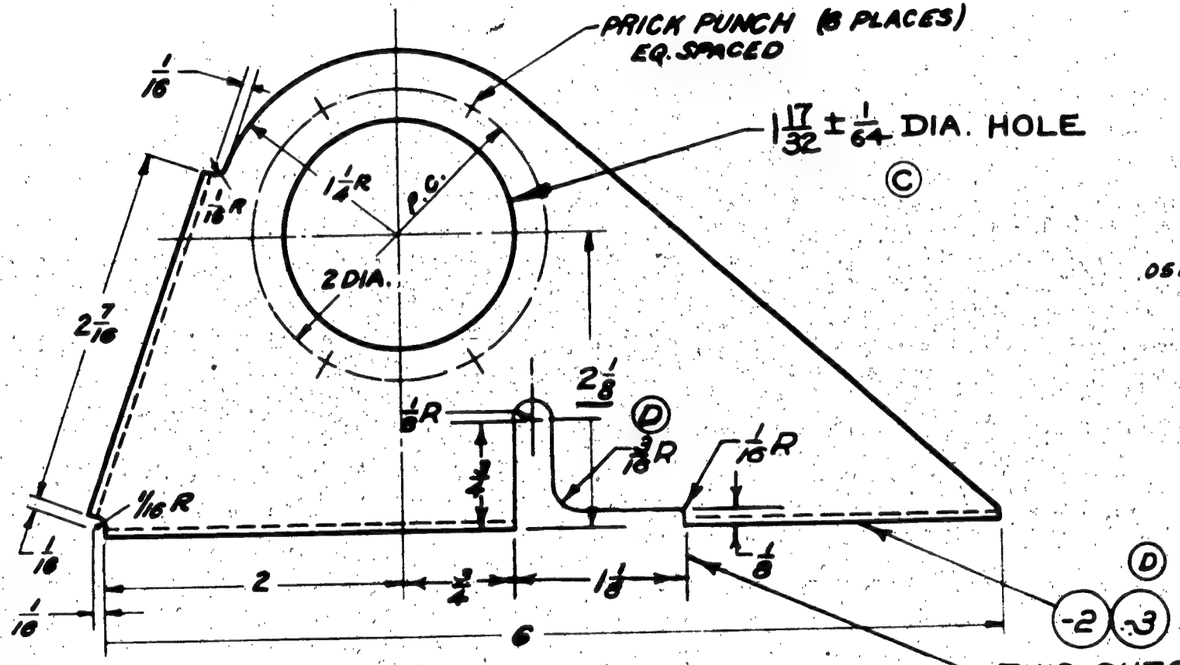
OPP. HAND —

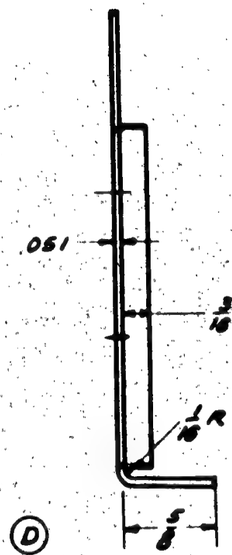
DWG. B SIZE

28B1892

SULLIVAN-SCHOEDER CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-12-36	CCB
B	245T WAS .2450; REMOVED N.T.	8-24-37	M'Donald
C	ADDED 1 11/32 DIA. FOR HOLE	1-10-40	THOMPSON
D	REPLACED -0 WITH -3. ADDED		
	-2 SAME AS -3 EXCEPT FOR		
	CUTOUT SHOWN.	4-13-41	Lawson





-3	PBY-5A	28B1890	2	C.70496
-3	PBY-5B	28B5175-2	1	
-3	28-5AMN	28B5175-2	1	
-3	28-5AMC	28B5175-2	1	
-3	28-5MN	28B5175-2	1	
-3	28-5MC	28B5175-2	1	
-3	OA-10	28B5175-2	1	
-3	PBY-5A	28B5175-2	1	
-2	PBY-5B	28B5175	1	
-2	28-5AMN	28B5175	1	
-2	28-5AMC	28B5175	1	
-2	28-5MN	28B5175	1	
-2	28-5MC	28B5175	1	
-2	OA-10	28B5175	1	
-2	PBY-5A	28B5175	1	C.77713
-3	28-5MC	28B1890	2	
-3	28-5MA	28B1890	2	
-3	PBY-5	28B1890	2	
-3	PBY-3-4	28B1890-1	2	
-3	PBY-3-4	28B1890	2	
-3	PBY-2	28B1890-1	2	
-3	PBY-2	28B1890	2	
-3	PBY-1	28B1890-1	2	
-3	PBY-1	28B1890	2	

G. F. GREEN, PRIME

FINISH G.P.
Z-P-2 [illegible] ON PBY-1.
Z-P-2AC ON PBY-2 & FUTURE G.P.

U.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				
								-3	
								-2	

REPLACES			6/10/36	Stuart Miller
REPLACED BY			YATES	12-7-36
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32			DRAFT	CHECK EXAM. ENG.
APPROVED 12-12-36 DATE			OPP. HAND	
CALC.WT. .08 SNA	ACT.WT.			
SCALE 12" = 1'-0"				
AG				
NAVY .081 AL ALLOY SHEET	ATAN Comp T (CAST)	NONE	NOTED	
MATERIAL	SPEC.	HEAT TREAT	FINISH	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

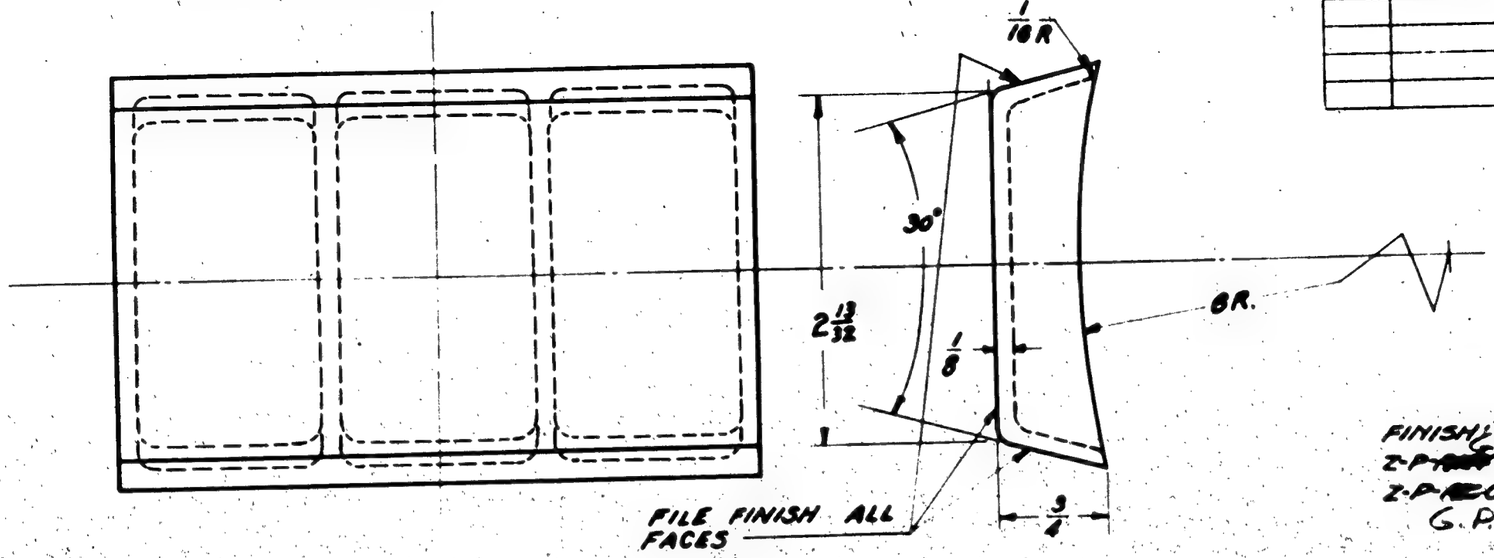
STAMP PT. No. WHERE SHOWN

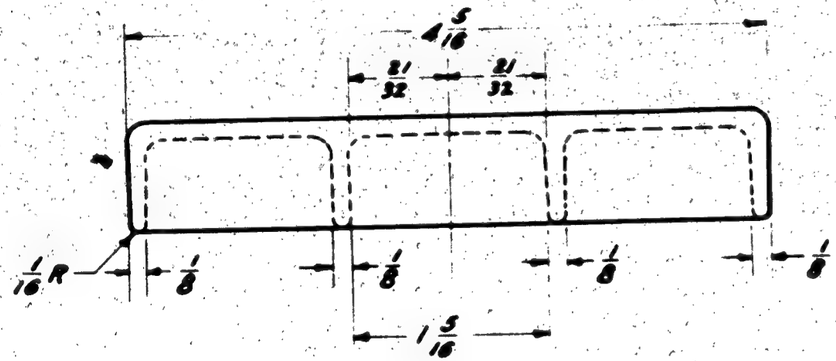
NAME BRACKET - HULL RETRACTING BOW STEP

DWG. B SIZE 28B1895

SEAMAN-ANDERSON CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-12-36	CCB





NOTE:
UNLESS OTHERWISE SPECIFIED ALL RADII TO BE 1/16

"G.P. GREEN PRIME
FINISH COAT
G

FINISH G.P.
2-P ON PBY-1
2-P ON PBY-2 & FUTURE
G.P.

	PBY-5A	28B1089	2									
	PBY-3-A	28B1089										
	PBY-3-A	28B1089-1										
	PBY-2	28B1089										
	PBY-2	28B1089-1										
	PBY-1	28B1089										
	PBY-1	28B1089-1										
	PBY-6B	28B1089	2									
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES	APPROVED [redacted]	DATE 12-12-36	REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.		
REPLACED BY	.29 SNA CALC. WT.	ACT. WT.					
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12" = 1'0"				6-13-36	Stan Miller	
	AC				L.R.B.	12-12-36	
	NAVY AL ALLOY CAST'G.	46A1-CL.A	29000 #/" AS REC'D	NOTED	DRAFT	CHECK	EXAM. ENG.
	MATERIAL	SPEC.	HEAT TREAT	FINISH			

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

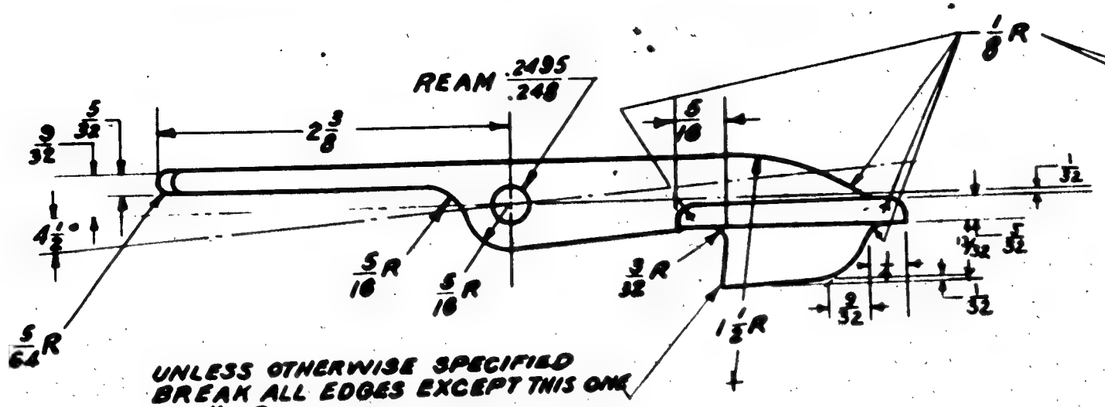
NAME REINFORCEMENT-HULL-SNUBBING CLEAT

OPP. HAND

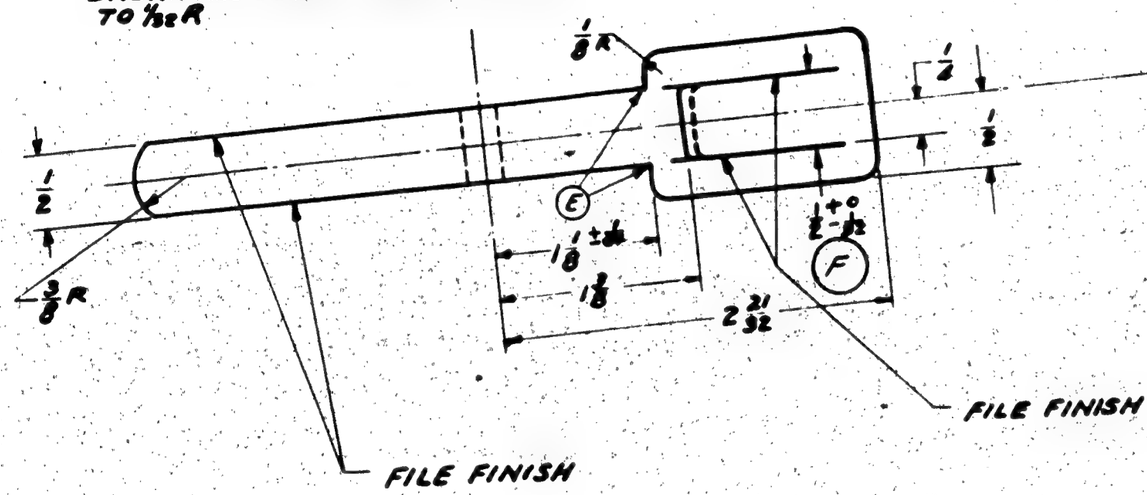
DWG. B SIZE 28B1911

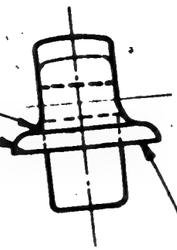
SULLIVAN-HOLLOWAY CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED	12-12-36	CCB
E	1/8 R - REMOVED, 1 1/8 ± 1/32 CHANGED TO 1 1/8 ± 1/16 DIM.		
F	ADDED 1/2 +0 -1/32 DIMENSION	1-11-38	MONK
G	FLANGE WAS TURNED UP 4 1/2°	10-21-40	SINGER
H	IN B/M., REPLACED "AL. ALLOY CAST'G., 46AI CL-2, 29,000#/□" AS REC'D, WITH "NOTE" ON FACE OF DWG. ADDED MATERIAL NOTE (1), BR'T AIR/RECTS. TO DATE. NO WT. CHG.	7-16-43	MOORE



UNLESS OTHERWISE SPECIFIED BREAK ALL EDGES EXCEPT THIS ONE TO 1/32 R





FILE FINISH

FILE FINISH

FILE FINISH

℄ SYMMETRY

NOTE:
MAT'L FOR FIRST 4 ARTICLES TO BE
AL. ALLOY BAR 24ST, SPEC: 46A9 CON. T. H.T. - NONE

FINISH:
2-P-6P ON PBY-1
2-P-6P ON PBY-2 & FUTURE

G.P. GREEN PRIME

(H) NOTES:
1- MATERIAL MAY BE:
(A) 195T4 AL. ALLOY CASTING,
SPEC. AN-QQ-A-390 CL. I, H.T 29,000 #/□", OR
(B) S195T6 AL. ALLOY CASTING,
SPEC. AN-A-5 CL. II, H.T 32,000 #/□".

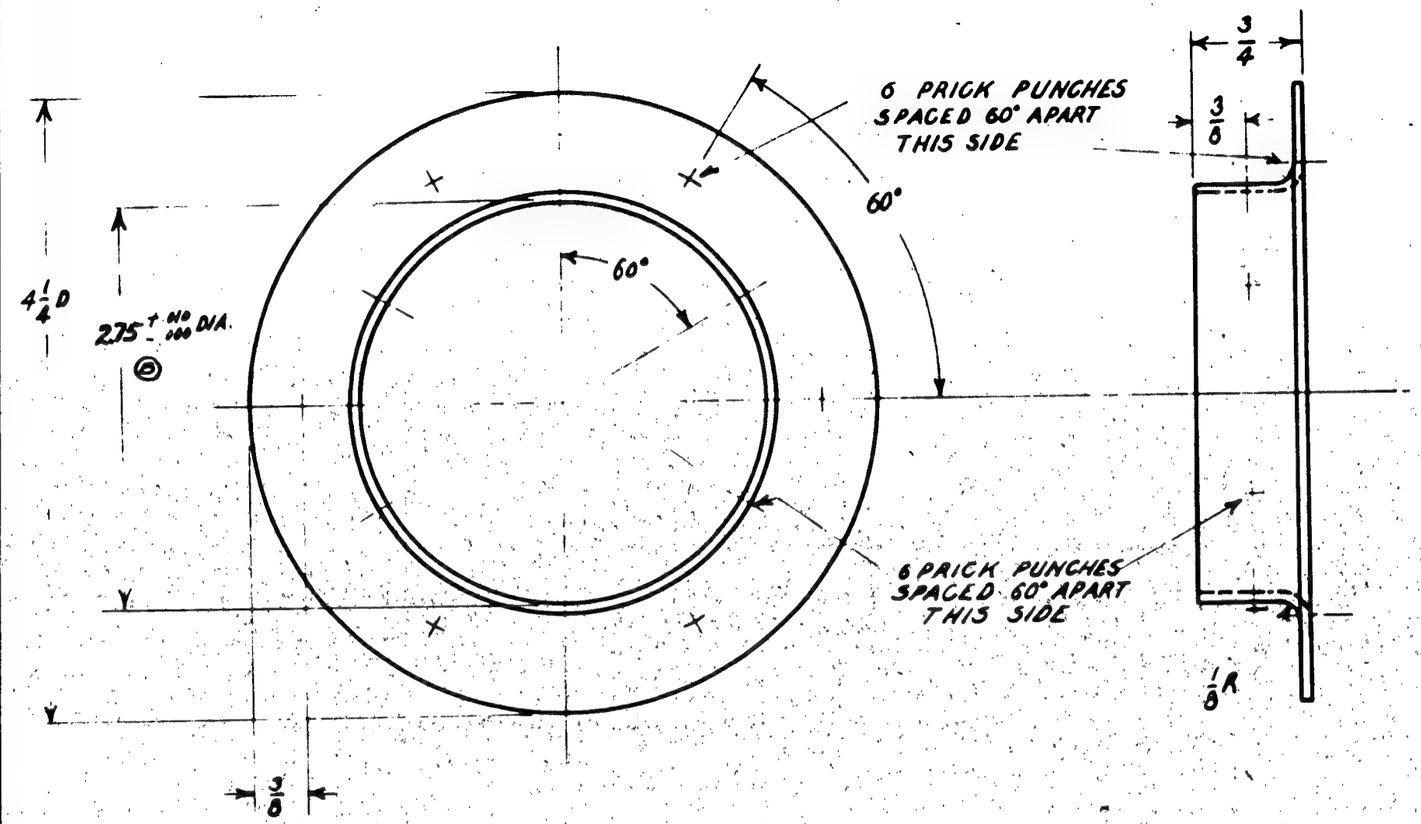
	28-33	28B1919	1a										
	PBY-5 & 5A	28B1919	1a										
	PBY-4	28D1919											
	PBY-3	28D1919											
	PBY-2	28B1919											
	PBY-1	28B1919											
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				

REPLACES							
REPLACED BY							
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 —							
APPROVED	DATE						
.11 SNA							
CALC. WT.	ACT. WT.						
SCALE 18"=1'0"							
NAVY NOTED	NOTED	NOTED	NOTED				
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.	NAME KEY - HULL - BOW SNUBBING POST LOCKING						
STAMP PT. No. WHERE SHOWN				OPP. HAND			
				DWG. B SIZE	28B1918		

SULLIVAN-INGERSOLL CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-14-36	W.R.K.
B	2.75 W/AS 2.85	12-18-37	[illegible]

Co. 3141



FINISH: G.P
2-P-[illegible] ON PBY-1
2-P-[illegible] ON PBY-2 & FUTURE
G.P

G.P GREEN PRIME

[illegible]	
Z	[illegible]
B	A.J.
A	[illegible]
C	[illegible]

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	2881919	1						
	PBY-5A	2881919	1						
	PBY-4	2881919							
	PBY-3	2881919							
	PBY-2	2881MM							
	PBY-1	2881MM							

REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.
			6-24-36 Stein Miller
AN10 Cond R	SR53 Cond T	NOTED	W.W. Williams 12-1-36
SPEC.	HEAT TREAT	FINISH	DRAFT CHECK EXAM. ENG.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED [illegible] 12-14-36 DATE

CALC. WT. .10 ACT. WT.

SCALE 12"=1'0"

AC 3450

NAVY .064 N. ALCLAD SHEET

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

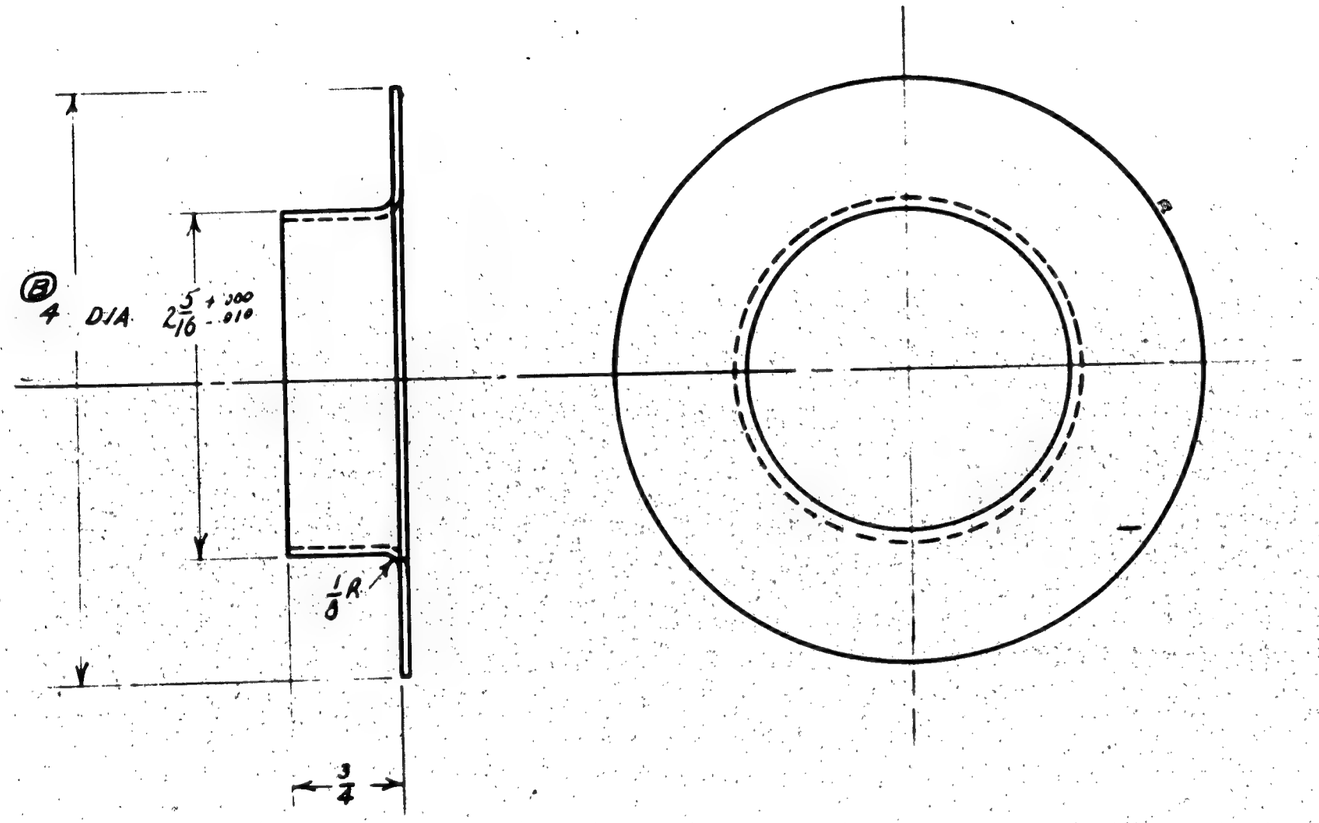
NAME FLANGE - HULL - BOWSNUBBING POST SOCKET - BOTTOM

OPP. HAND

DWG. B SIZE 2881922

SULLIVAN MORGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-14-36	W.H.
B	4 DIM. WAS 4 1/16	9-21-37	M.E.A.



	PBY-5B	28B1930	1							
	PBY-5A	28B1930	1							
	PBY-4	28B1930								
	PBY-3	28B1930								
	PBY-2	28B1930								
	PBY-1	28B1930								
Q.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	

REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.
			6-26-36 Stiel/Miller
STEEL COND. N	SAE 53 COND. T	NONE	W.H.W. 12-19-36
SPEC.	HEAT TREAT	FINISH	DRAFT / CHECK / EXAM. / ENG.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + 1/32

APPROVED R.A.M. DATE 12-14-36

CALC. WT. 10 ACT. WT.

SCALE 12"=1'0"

AC 2850

NAVY. ALC M. ALLOY SPT.

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

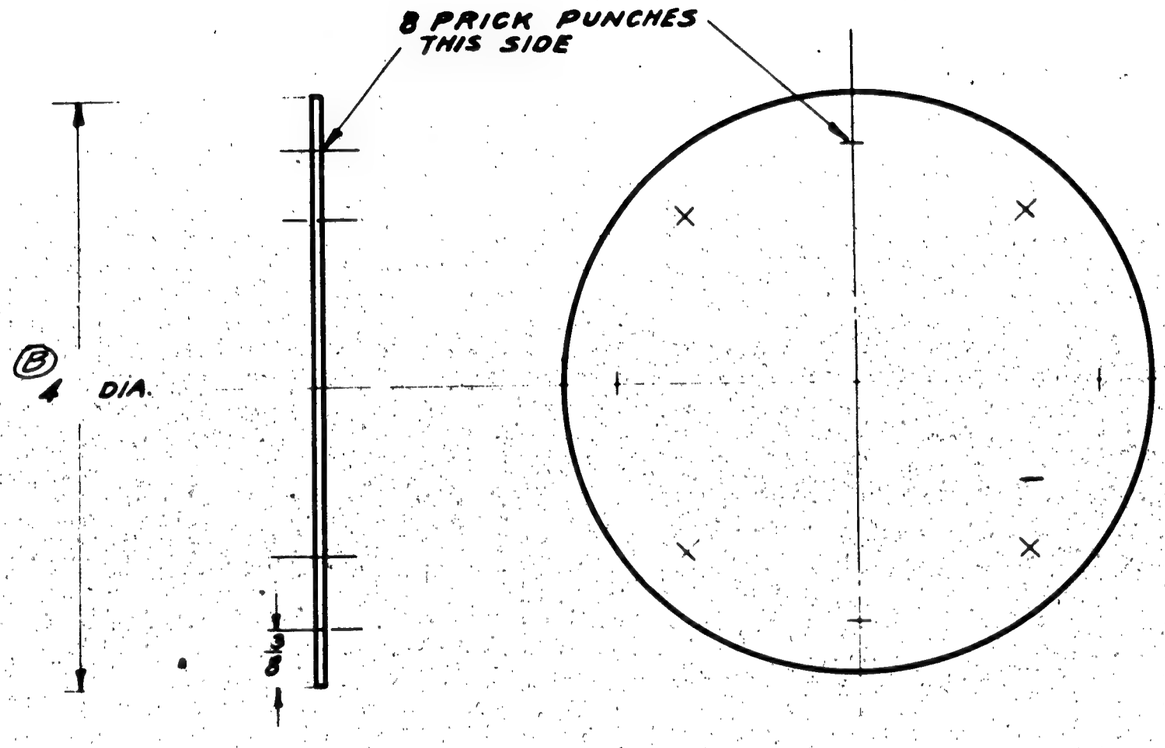
NAME FLANGE - HULL BOW SNUBBING POST

OPP. HAND

DWG. B SIZE 28B1924

SULLIVAN-SHERIDAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-10-36	COB
B	4 DIM. WAS 4 1/16	9-21-37	M.E.A.



	PBY-5B	28B1930	1								
	PBY-5A	28B1930	1								
	PBY-4	28B1930									
	PBY-3	28B1930									
	PBY-2	28B1930									
	PBY-1	28B1930									
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		

REPLACES	APPROVED RCW	DATE 12-10-36		
REPLACED BY	CALC. WT. .09 SHA	ACT. WT		
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12" = 1'-0"	REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.
	AC			SW. W. Inspector stein MILLER
	NAVY .064 AL ALLOY SH	STAND CONT	NONE	NONE	52036 12-17-36		
	MATERIAL 24ST	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME

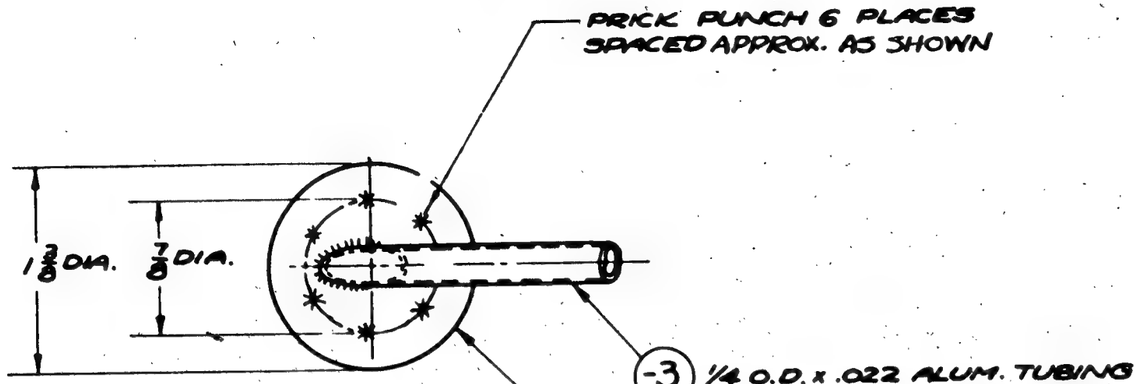
PLATE - HULL BOW SNUBBING POST

OPP. HAND

DWG. B SIZE 28B1929

SULLIVAN-McKEOGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED UP TO DATE	5/19/37	V.I.B.
C.	REMOVED PBY-3. REQ'S.		
	REPLACED BY 2882031	5/18/37	H.E. DONAL
D.	C'S'D. NEXT ASSY. FROM		
	2881024 TO 2881875	6/22/37	W.F. SMITH
E.	CHANGED POSITION OF PRICK PUNCHES	10/6/37	STEEN
F.	PBY-2 & PBY-3 REQ'S. REPLACED		
	AS PER C.O. 5368	11/12/37	THURBER
G	REMOVED PBY-1 REQUIREMENTS	6/27/38	NELSON
H	ADDED RIVETS & ADDED -4.		
	REPLACING -2 FOR -5 ASSY.	11-18-38	MATHER
	ADDED PBY-5 REQ. & -5 ASSY.		
I	NOTE WAS "SPACED EQUALLY."	6-6-40	REED



FINISH:
Z-P-2 ~~GRAY~~ ON PBY-1
Z-P-2 ~~GRAY~~ ON PBY-2 & FUTURE

G.P. GREEN PRIME

FINISH CODE	
Z	[redacted]
P	[redacted]
GP	[redacted]
C	[redacted]

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-5	PBY-5A	28B4150	1												
-5	PBY-5B	28B4150	1												
-5	PBY-5	2884150					-4			1					
	PBY-3	2881875					-3	1		1					
	PBY-2	2881879					-2	1							

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY. | -5

2881931 OF
REPLACES 6-29-36 — APPROVED YCW — DATE 5-18-37
REPLACED BY — CALC. WT. .01 — ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 12" = 1'-0"

NAVY	SPEC.	HEAT TREAT	FINISH
NOTED	NOTED	NONE	NOTED
MATERIAL			

S.V.N. Rueben MILLER
11/24/36 5/19/37
DRAFT | CHECK | EXAM. | ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT NO WHERE SHOWN

NAME TUBE-HULL-PILOT ENCLOSURE WINDOW WELL-DRAIN

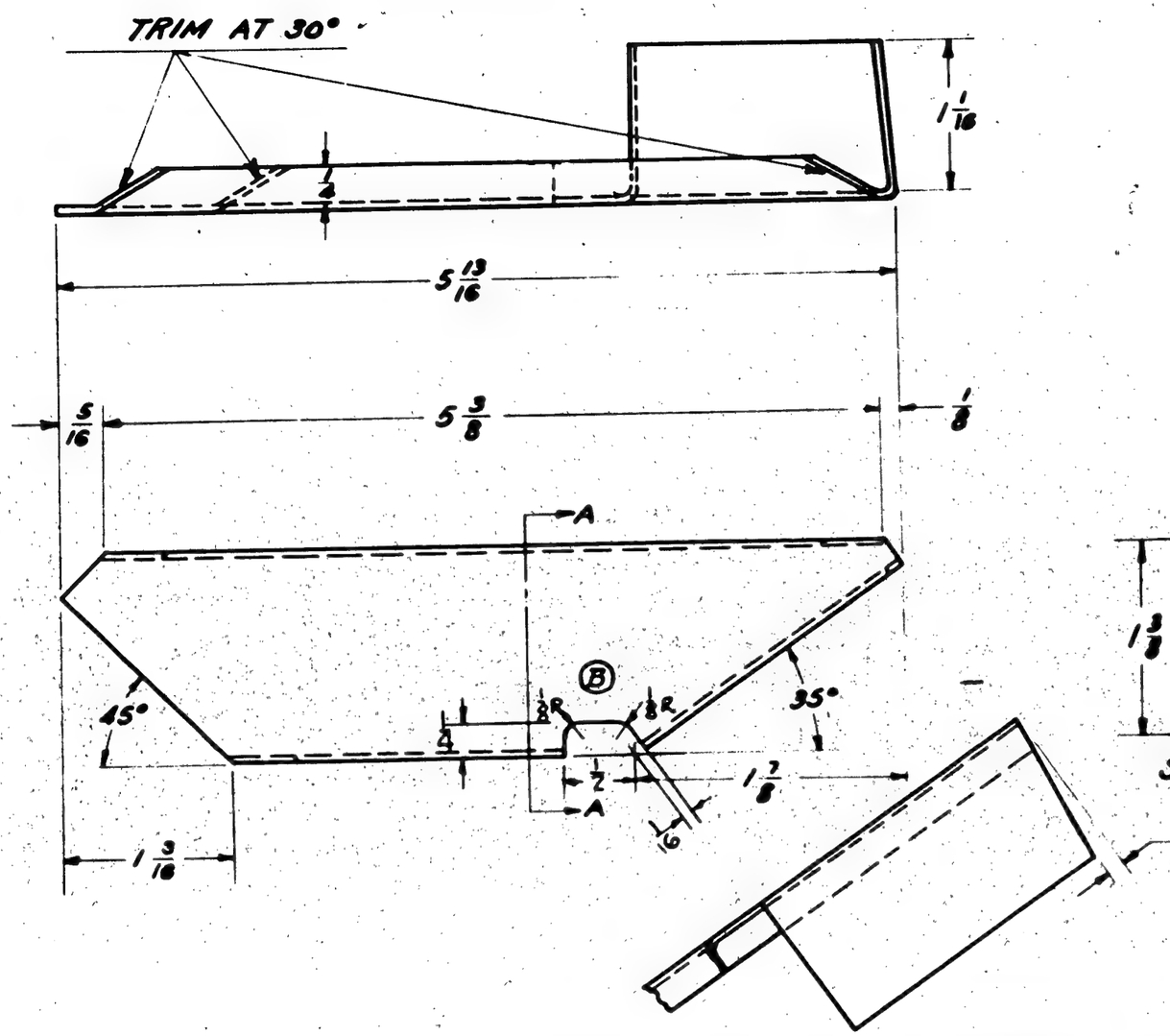
OPP. HAND

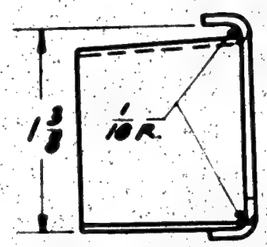
DWG. B SIZE 28B1931

R

PRINTED ON "IMPERIAL" TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-9-36	CCB
B	ADDED NOTCH	3-15-38	JOEL





SECTION A-A

FINISH C.P
Z-P-2 ON PBY-1
Z-P-2 ON PBY-2 & FUTURE
S.P.

C.P. GREEN PRIME

PRIMER SYMBOL	
Z	
P	
AM	
C	

-R	PBY-5A	28B1950	1								
-L	PBY-5A	28B1950	1								
-1	PBY-3-A	28B1950									
	PBY-3-A	28B1950									
-1	PBY-2	28B1960	1								
	PBY-2	28B1950	1								
1	PBY-1	28B1950	1								
	PBY-1	28B1950	1								
-L-R	PBY-5B	28B1950	1EA								
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		

REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.
				L.R.B. Stuart Miller
47A10 COND A	SR53 COND. T	NOTED		7-16-36 12-1-36
SPEC.	HEAT TREAT	FINISH		DRAFT CHECK EXAM. ENG.

OPP. HAND 28B1960-1

REPLACES	APPROVED X CW	DATE 12-9-36
REPLACED BY	CALC.WT. .07 SNA	ACT.WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12"=1'-0"	
	AC	
	NAVY: 064 AL. ALLOY SHEET	
	MATERIAL	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

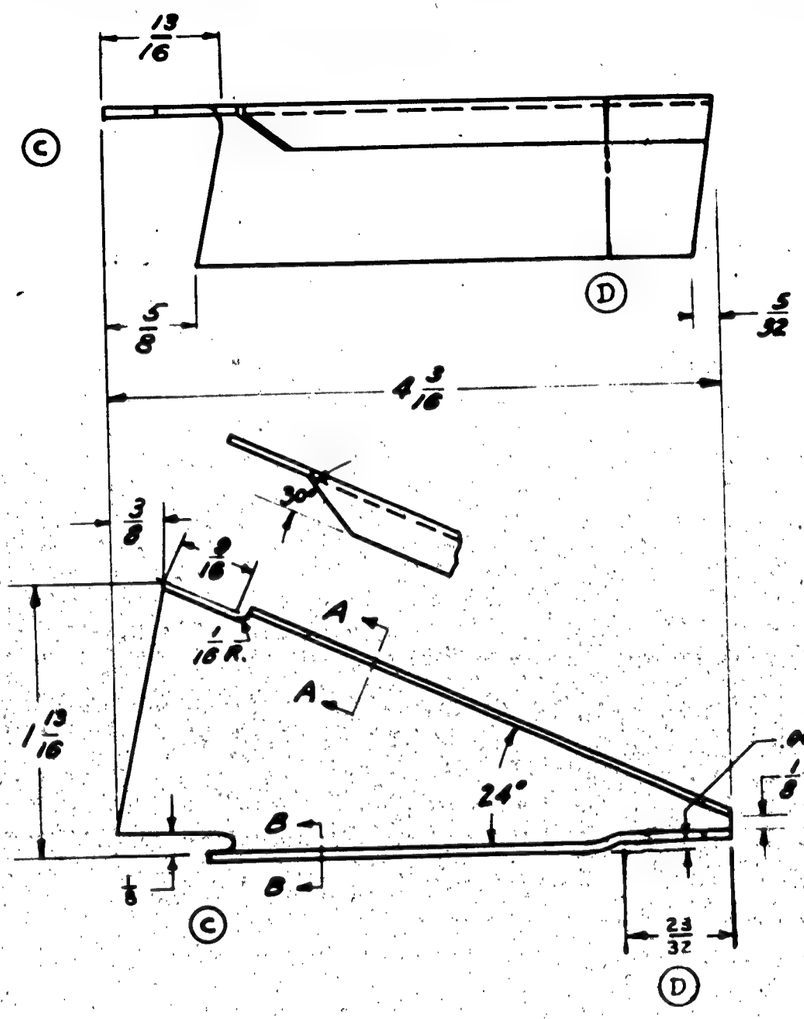
NAME GUSSET-HULL REAR TOWING LUG-FORWARD

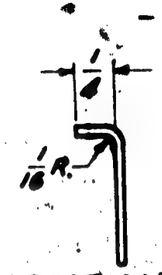
DWG. B SIZE 28B1960

SULLIVAN-SUTHERLAND CO., MFG. CHICAGO
IMPERIAL TRACING CLOTH

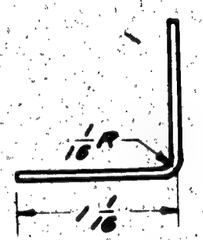
PBY-5

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-9-36	CCB
B	ADDED 13/16 CUTOUT	1-12-38	
C	CUT FLANGE BACK & REMOVED	10-18-40	SINGER
	3/32 & 1/8 R. DIMS.		
D	CHANGED JOGGLE & REMOVED 9/16		
	DIM. ADDED 23/32 DIM. (NO WT CHG.)	7-14-43	HYMER





SECTION A-A



SECTION B-B

FINISH:
Z-P-6P ON PBY-1
Z-P-6P ON PBY-2 & FUTURE

FINISH CODE	
Z	
P	P-37
[illegible]	[illegible]
C	[illegible]

—	PBY-5 SAME AS	28B1950	1								
-1	PBY-5 SAME AS	28B1950	1								
	PBY-4	28B1950									
-1	PBY-4	28B1950									
	PBY-3	28B1950									
-1	PBY-3	28B1950									
	PBY-2	28B1950	1								
-1	PBY-2	28B1950	1								
	PBY-1	28B1950	1								
-1	PBY-1	28B1950	1								
O.H.	MODEL	NEXT ASSY	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED [illegible] 12-9-36 DATE

CALC.WT. .06 SNA ACT.WT.

SCALE 12" = 1'-0"

AC

NAVY: 24S AL ALLOY SHEET

MATERIAL

SPEC.	HEAT TREAT	FINISH
STATE COND A	SAE3 COND.T	NOTED

DRAFT	CHECK	EXAM.	ENG.
L.R.B. 7-18-38	Stan Miller 12-19-36		

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME

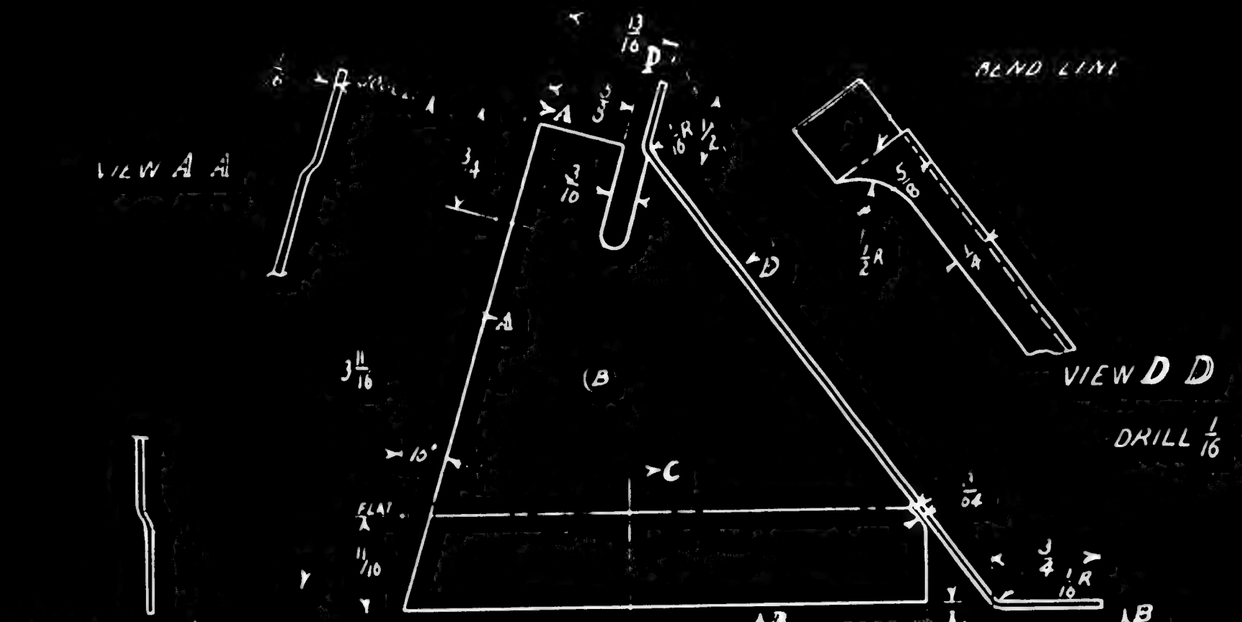
GUSSET-HULL-REAR TOWING LUG-AFT

OPP. HAND 28B1961-1

DWG. B SIZE 28B1961

SULLIVAN-MORGENTHAU CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

LET	ALTERATION	DATE	BY
A	REVISED [illegible]	12-4-36	WDN
B	REMOVED 9/16 SLOT & DIMENSIONS 1-22-37 SJGG		
C	CHANGED - NAVY .031 ALCLAD SHT 24SC WAS .031 ALCLAD SHT 24SC 47AB CONDA WAS 47A1O CONDA NEG WT. CHG.	8-21-42	JHMcBELL



O.N.	MODEL	NEXT ASSY	REQ
	PBY-5B	28B1850	1
	28-5AMN	28B1850	1
	28-5AMC	28-B1850	1
	28-5MA	28B1850	1
	28-5MC	28B1850	1
	28-5MN	28B1850	1

REPLACES

REPLACED BY

APPROVED 12-14-36 DATE

SCALE 12" / 1"

O.N.	MODEL	NEXT ASSY	REQ	ST'D PARTS	LH REQ	RH REQ	PART NO	LH REQ	RH REQ
	PBY-5	28B1850	1						
	PBY-5A	28B1850	1						
	PBY-4	28B1850							
	PBY-3	28B1850							
	PBY-2	28B1850							
	PBY-1	28B1850	1						

REQUIREMENTS PER AIRPLANE

PARTS LIST PER ASSY

NAVY .031 ALCLAD SHT | 47AB Cond A | SR 53 Cond T | NONE

MATERIAL | SPEC. | HEAT TREAT | FINISH

CONSOLIDATED AIRCRAFT CORP. BUFFALO N.Y.

NAME

GUSSET HULL-ANCHOR BOX DCCR

DRAFT | CHECK | ENGR | ENGR

OPP HAND

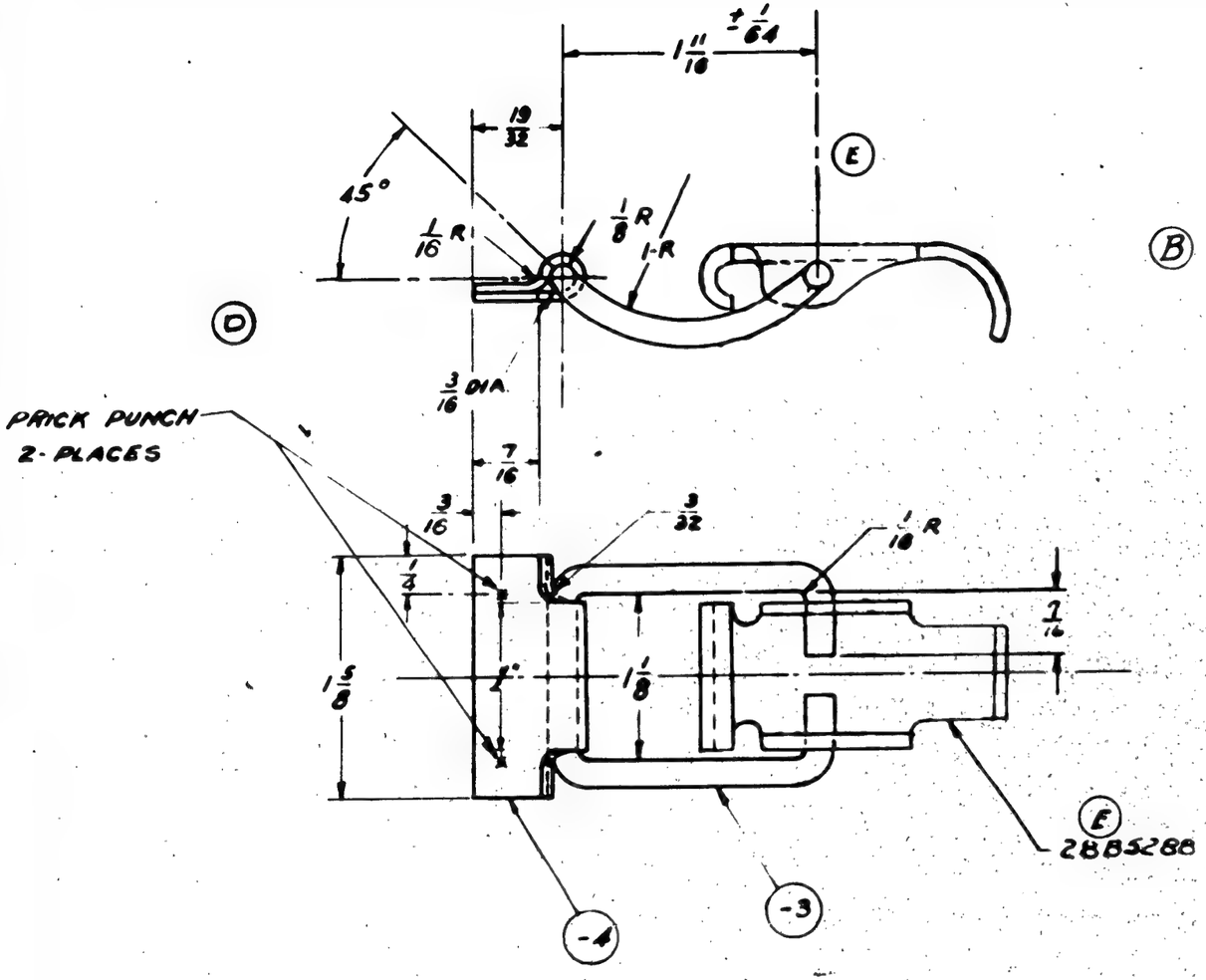
STAMP PT. NO. WHERE SHOWN

DWG B 28B1972

28B1987

C.O.7551

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-9-36	CCB
B	CHANGED BENDING OF -2. 3/8 R. WAS 5/8	8-4-38	TRUMBLER
	ADDED 3/16 DIM, REMOVED 1 1/2 DIM		
C	REMOVED "1 X 1/2 X 3/32 EXTRUD-	3-9-43	BRUNNER
	ED CHANNEL SPEC. #6A9 ALUM		
	ALLOY - COND. A - DIE #K-1358		
	-2 H.T. SR53 COND. T." & REPLACE		
	ED WITH "MAT'L FOR -2 --- #6A9		
	ADDED SEC. A-A & BROUGHT		
	RELEASES UP TO DATE. WT. CHG. NEG.		
D	REMOVED MAT. NOTE ".09 X 1 1/8 X 2 1/16		
	ALCLAD SHEET, SPEC. QQ-A-362		
	COND'T." REMOVED SECTION		
	A-A FROM FACE. (NO. WT. CHG.)	5-21-43	KNIGHT
E	REMOVE DIM. "3 5/32 (2 PL.)" (9/16 2 PL)		
	"3/8 R" 1/8 R" 3/16 R" 1/2 R" (TRUE)"		
	"ROUND EDGE REPLACE "2"		
	WITH "28B5288" REMOVE		
	NOTE "MAT'L FOR -2 MAY BE		
	I.K. 1358 X 2 5/16 24ST. AL. AL. EXT.		
	SPEC. 46A9-1 (WT. CHG NEG.)		
	REMOVE NOTE DRILL 3/16 BOTH SIDES	8-18-43	MC MANN



FINISH:
2-P-2AKV ON PBY-1
2-P-GR ON PBY-2 & FUTURE

FINISH CODE	
Z	ANODIC TREATMENT
P	R-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

	OA-10	28B1990	2								
	28-SME	28B1990	2								
	28-SMS-SAMS	28B1990	2 EA								
	28-SMN-SAMN	28B1990	2 EA								
	28-SMA	28B1990	2								
	PBY-5	28B1990	2								
	PBY-5B	28B1990	2								
	PBY-5A	28B1990	2								
	PBY-3-A	28B1990-1									
	PBY-3-A	28B1990									
	PBY-2	28B1990-1							28B5286	1	
	PBY-2	28B1990							-4	1	
	PBY-1	28B1990-1							-3	1	
	PBY-1	28B1990									
O.N.	MODEL	NEXT ASSY	REQ	STD PARTS	LH REQ	RH REQ	PART NO.		LH REQ	RH REQ	

3/16 DIA. ALUM. ALLOY ROD COND. T
SPEC.- 46A9 COND. A. H.T. AFTER FORMING SR53
-3

.064 ALUM. ALLOY SHEET
SPEC.- 47A10 COND. A - H.T. SR53 COND. T
-4

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32
APPROVED	12-9-36 DATE
CALC WT SNA	ALT A
SCALE	12" = 1'-0"
AC	
NAVY NOTED	
MATERIAL	
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.	
STAMP PT. No. WHERE SHOWN	

REQUIREMENTS FOR AIRPLANE	MAT	PARTS LIST FOR ASSY.
NOTED	NOTED	
SPEC	HEAT TREAT	FINISH

S. Von Mostrin	GREEN		
11-2-36	12-18-36	11-5-36	
DRAFT	CHECK	EXAM	ENG

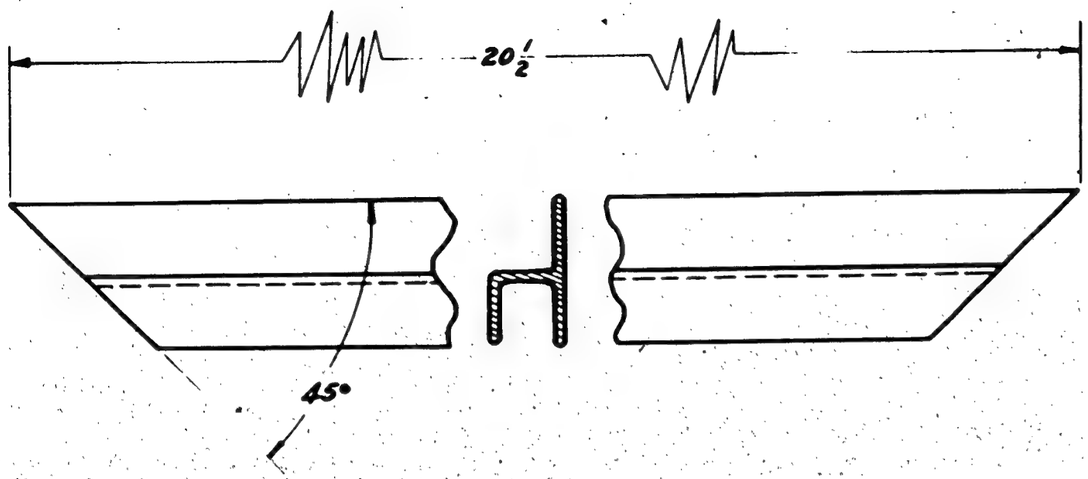
NAME: LATCH — HULL — MECHANICS WINDOW.

OPR. HAND

DWG B SIZE 28B1987

R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-9-36	CCB



G. P GREEN PRINT

FINISH CODE	
Z	[redacted]
P	NO [redacted]
AP	[redacted]
C	[redacted]

FINISH: G. P
Z-P-[redacted] ON PBY-1
Z-P-[redacted] ON PBY-2 & FUTURE
G. P

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO. 1	LH REQ.	RH REQ.
	PBY-5A	28B1990	2						
	PBY-5-4	28B1990-1							
	PBY-3-4	28B1990							
	PBY-2	28B1990-1							
	PBY-2	28B1990							
	PBY-1	28B1990-1							
	PBY-1	28B1990							
	PBY-5B	28B1990	2						

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010 ½°

[redacted]

APPROVED [redacted] 12-9-36 DATE

.23 CALC. WT. SNA ACT WT.

SCALE 12"=1'-0"

AC

NAVY ALUM. ALLOY EXTRUSION K-5050

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP FT. No. WHERE SHOWN

REQUIREMENTS PER AIRPLANE		MAT.
SPEC.	HEAT TREAT	FINISH
16 AS (M&T) CONG. T	NONE	NOTED

PARTS LIST PER ASSY.

DRAFT	CHECK	EXAM.	ENG.
S. Ran N. Stan	GREEN		
11-2-36	12-19-36	11-5-36	

NAME

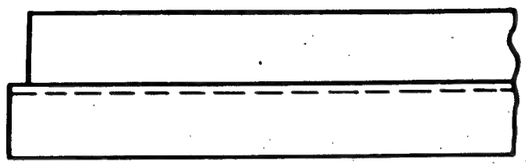
TRACK-HULL-MECHANICS
WINDOW-BOTTOM

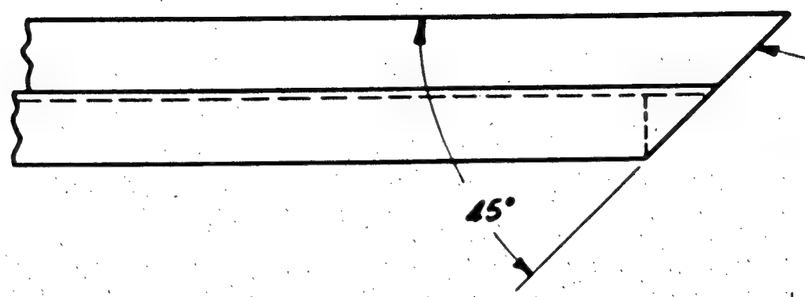
OPP. HAND

DWG B SIZE 28B1988

SULLIVAN-SCHEIDERER CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-9-36	CCB
B	3/8 & 7/16 DIM. ADDED & NOTE	3-13-37	RTD
C	-5 ADDED	"	"
D	NOTE ADDED	"	"
E	DIE NO. NOW K-13845	"	"
F	PBY-3 REQ'MTS ADDED	"	"
G	NOTE ADDED	"	"
H	CORRECTED NOTE @ 3/4	6-5-37	GREEN

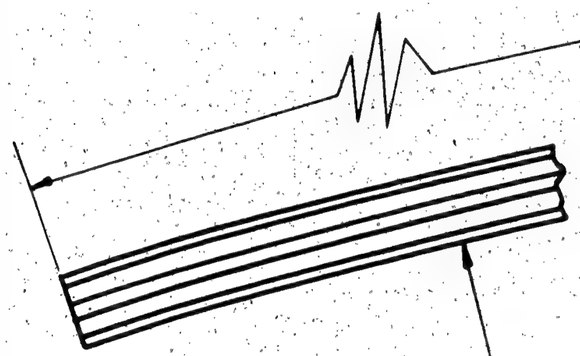


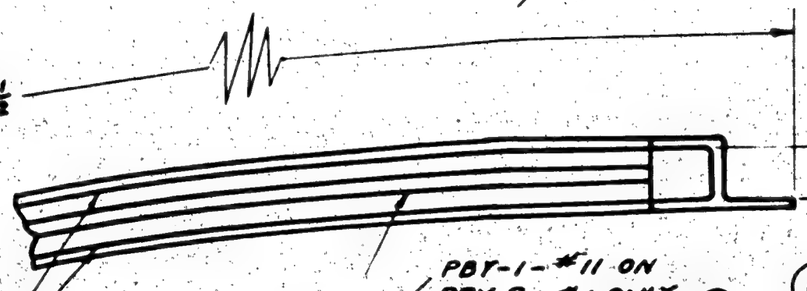


ALUM. ALLOY EXTRUSION, DIE # K-13845 (E)
SPEC - 46A9 COND T (24ST)
-2, -3

FINISH -2 & -3 ONLY:
2-P- ON PBY-1
2-P- ON PBY-2 & FUTURE
G.P.

G.P. GREEN PRIME





(B) 3/8 ON PBY-1 - #11 ON & #1 PBY-2
7/16 ON PBY-2 - #2 ON & FUTURE

PBY-1 - #11 ON
PBY-2 - #1 ONLY (A)

(D) SEAL ALONG EDGES OF -5 AND CHANNEL WITH "BOSTICK" COMPOUND

(-4) FELT CHANNEL, DWG # 22F136 - LENGTH 22 1/2 CEMENT IN PLACE WITH "VULCALOCK"

(-5) SCHLEGEL LINED EXTRUDED RUBBER SECTION # N-1415 CEMENT IN PLACE WITH "VULCALOCK"
(C) PBY-2 # 2 ON & FUTURE

(G)

-R	PBY-5A8	28B1990	2R																
-L	PBY-5A8	28B1990	2R																
-1	PBY-3-4	28B1990-1																	
	PBY-3-4	28B1990-1																	
-1	PBY-3-4	28B1990																	
	PBY-3-4	28B1990																	
-1	PBY-2	28B1990-1																	
	PBY-2	28B1990-1																	
-1	PBY-2	28B1990																	
	PBY-2	28B1990																	
-1	PBY-1	28B1990-1		-5				1	1	1	1								
	PBY-1	28B1990-1		-4	1	1						1	1						
-1	PBY-1	28B1990		-3		1		1		1									
	PBY-1	28B1990		-2	1			1		1									
					LH	RH		LH	RH	LH	RH	LH	RH						
O.H.	MODEL	NEXT ASSY.	REQ.	PART NO.	PBY-5-4														

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/16

APPROVED 12-9-36 DATE
CALC. WT. .37 SNA ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY NOTED
MATERIAL

REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.
				Kvam K. Stiv GREEN
NOTED	NONE	NOTED		11-2-36 12-17-36 11-6-36
SPEC.	HEAT TREAT	FINISH		DRAFT CHECK EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

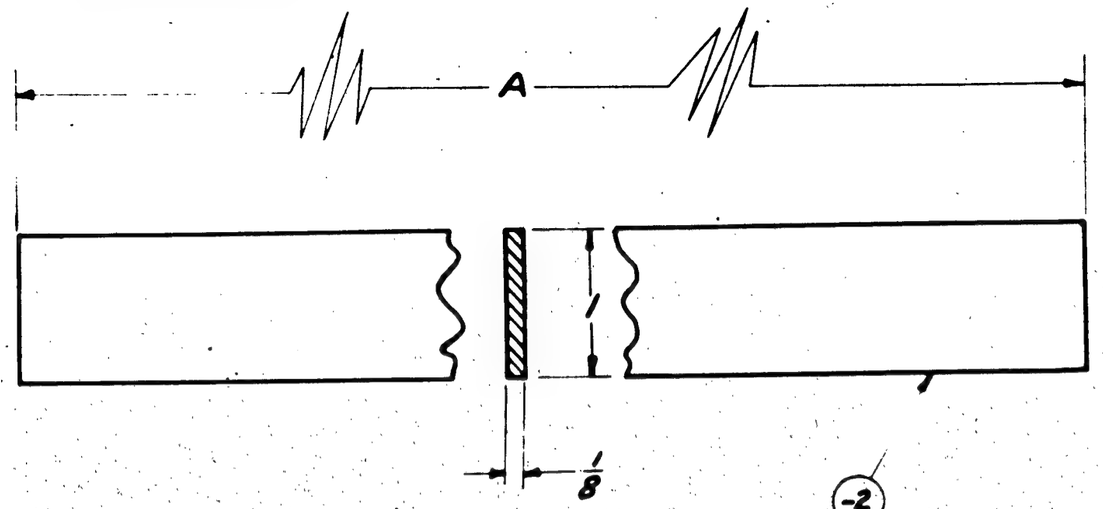
NAME TRACK-HULL-MECHANICS WINDOW-SIDE

OPP. HAND 28B1989-1

DWG. B SIZE 28B1989

SULLIVAN-SHERIDAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-19-36	CCB



-2
-3

PART NO.	LENGTH A
-2	20 1/2
-3	12 1/2

-3	PBY-6B	28B1990	4								
-2	PBY-5B	28B1990	2								
-3	PBY-5A	28B1990	4								
-2	PBY-5A	28B1990	2								
-3	PBY-2-4	28B1990-1									
-3	PBY-2-4	28B1990									
-2	PBY-2-4	28B1990-1									
-2	PBY-2-4	28B1990									
-3	PBY-1-3	28B1990-1									
-3	PBY-1-3	28B1990									
-2	PBY-1-3	28B1990-1									
-2	PBY-1-3	28B1990									

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO	LH REQ.	RH REQ.
	REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.				

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED [redacted] DATE 12-10-36

-2 = .12
-3 = .07
CALC. WT. SHA ACT WT.

SCALE 12" = 1'-0"

AC

NAVY PHENOLIC MAT. LAM.

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

SPEC.	HEAT TREAT	FINISH
17P5 TYPE FBG	—	—

S. Wm. Martin GREEN

DRAFT	CHECK	EXAM.	ENG.
11-3-36	12-19-36	11-5-36	

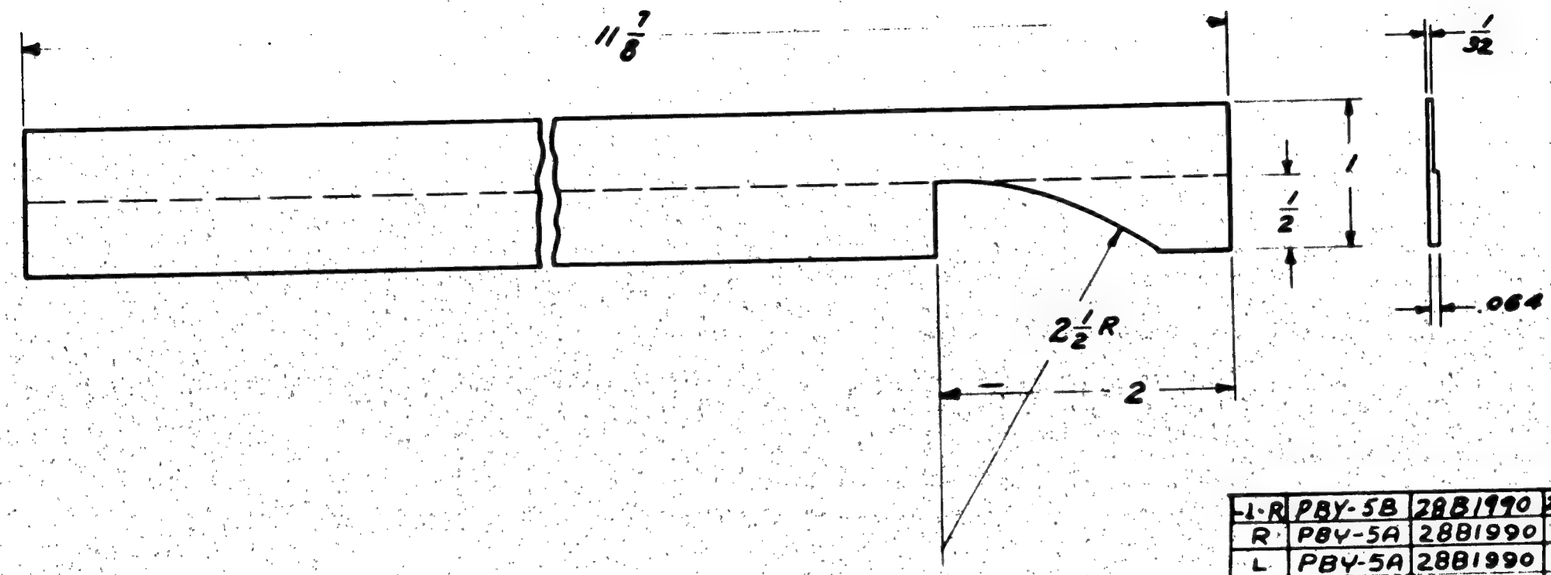
OPP. HAND

NAME FILLER - HULL - MECHANICS WINDOW-TRACK

DWG. B SIZE 28B1991

SULLIVAN-GRIFFEN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-10-36	CCB



FINISH CODE	
Z	[redacted]
P	AD [redacted]
AP	[redacted]
C	[redacted]

-1-R	PBY-5B	28B1990	2 EA
R	PBY-5A	28B1990	2
L	PBY-5A	28B1990	2
-1	PBY-2-4	28B1990-1	
-1	PBY-2-4	28B1990	
	PBY-2-4	28B1990-1	
	PBY-2-4	28B1990	
-1	PBY-1-3	28B1990-1	
-1	PBY-1-3	28B1990	
	PBY-1-3	28B1990-1	
	PBY-1-3	28B1990	

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED [redacted] 12-10-36 DATE

.07 SMA CALC. WT. ACT. WT.

SCALE 12" = 1'0"

AC

NAVY AL. ALLOY SHEET (24ST)

MATERIAL

STA 10 CONS. T	NONE	Z-P
SPEC.	HEAT TREAT	FINISH

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME FILLER - HULL - MECHANICS WINDOW TRACK - OUTER

B.O.I. Stu Green

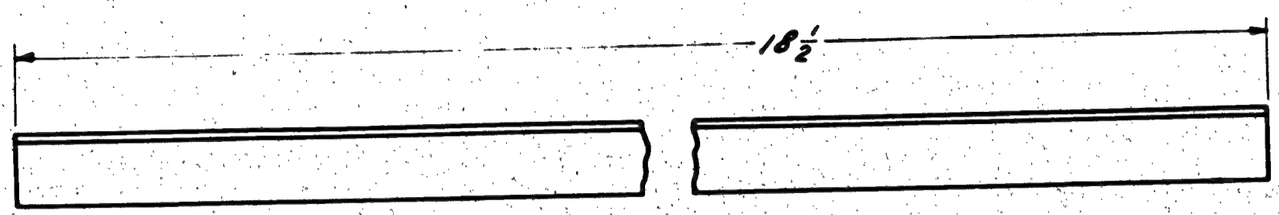
DRAFT	CHECK	EXAM.	ENG.
11-2-36	12-1-36	11-5-36	

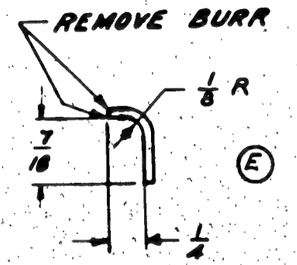
OPP. HAND 28B1992-1

DWG. B SIZE 28B1992

SULLIVAN-SCHEERER CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-10-36	CCB
B	MAT'L WAS CONDA	7-27-37	M.E.A.
C	1/8 R. WAS 3/32 R	7-27-37	M.E.A.
D	CHANGED MATL FROM "ST" TO "SO"	6/3/40	ZEIGLER
E	DIM. 1/4 WAS 5/32		
	NO WT. CHG.	4-16-43	HALLENBECK





FINISH:
Z-P-2GP ON PBY-1
Z-P-2GP ON PBY-2 & FUTURE

	O.M.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
		PBY-5 5461	28B1990	2 EA						
		PBY-3-A	28B1990-1							
		PBY-3-A	28B1990							
		PBY-2	28B1990-1							
		PBY-2	28B1990							
		PBY-1	28B1990-1							
		PBY-1	28B1990							

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED 12-10-36 DATE

CALC.WT. ACT.WT.

SCALE 12"=1'0"

AC

NAVY 66A AL ALLOY SHEET (QQ-A-250)

MATERIAL

4 STAND COND. A

.C.

SR-53 - COND T . NOTED

HEAT TREAT | FINISH

BOI | STEEL GREEN

12-2-36 | 12-17-36 | 12-17-36

DRAFT | CHECK | EXAM | ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

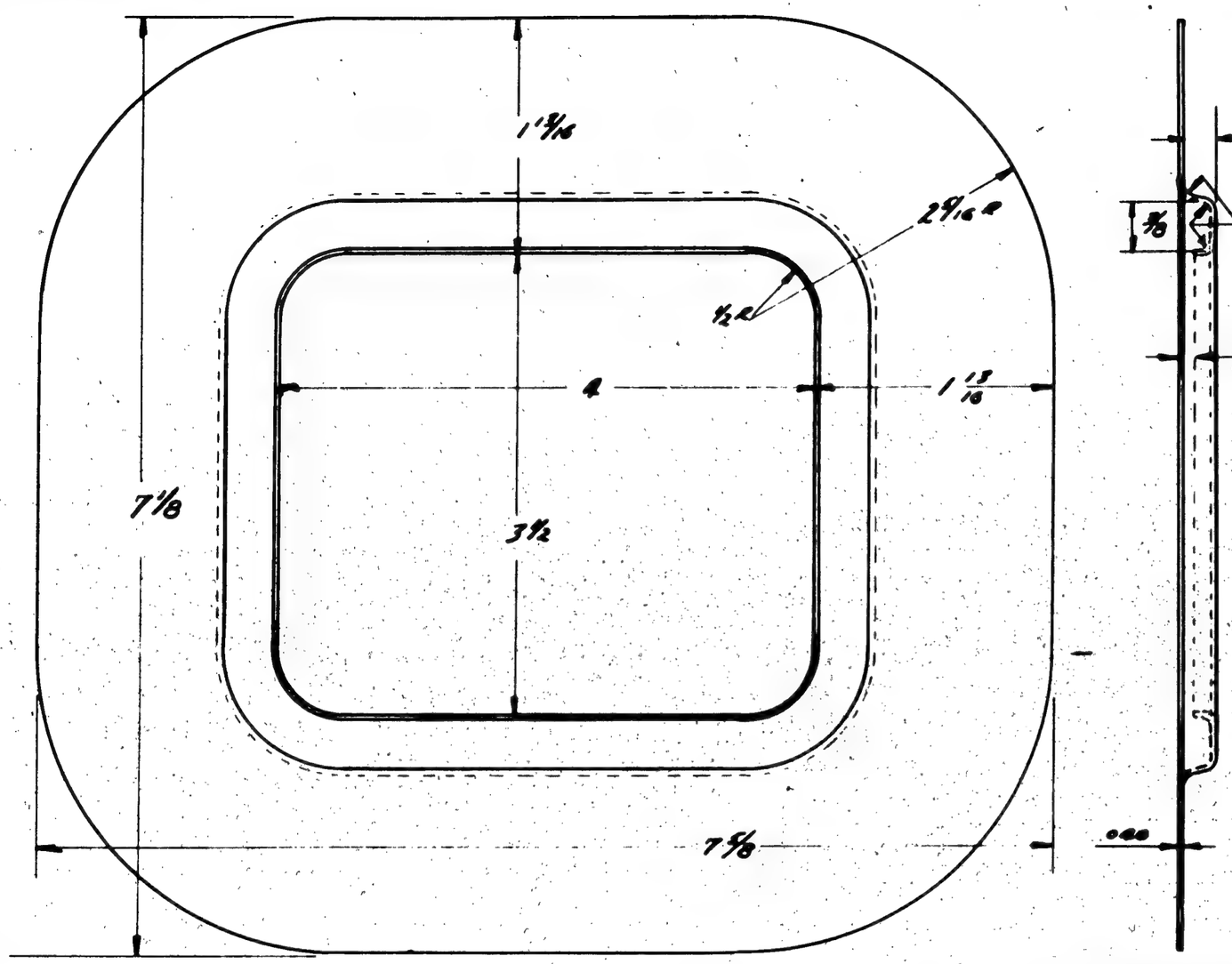
NAME STRIP-HULL-MECHANICS WINDOW SEALING

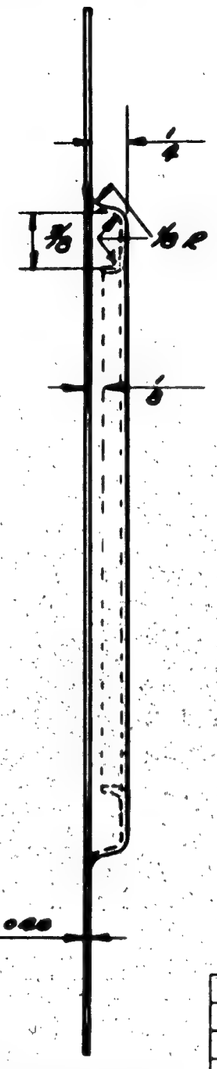
OPP. HAND

DWG. B SIZE 28B1993

SULLIVAN-GRIFFITHS CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	5-18-37	R.R.





FINISH G.P
2-P-2 ON PBY-1
2-P-2 ON PBY-2 & FUTURE
G.P.

G.P. GREEN PRIME

FINISH	
Z	[redacted]
P	P-27 PRIMER
AS	[redacted]
C	CADMIUM PLATE

NOTE THIS PART IS USED ON PBY-1 SHIP #7 ONLY (ASS'Y. NO. 28B1997)

	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5A	28B2150	1						
	PBY-4	28B2150							
	PBY-3	28B2150							
	PBY-2	28B2150							
	PBY-1	28B1275							
	PBY-1	28B1997	1						
	PBY-5B	28B2150	1						

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED [redacted] DATE 5-18-37

CALL. WT. .15 ACT. WT

SCALE 12" = 1'0"

REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.
AC		6.0.1
NAVIAC. ALIOT SN 2459	STOCK COND 'N'	SPEC 53 COND 'T'

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
			NOTED	11-9-36	5-28-37		

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME: PLATE-HULL-FRONT VENTILATOR OPENING

OPP. HAND

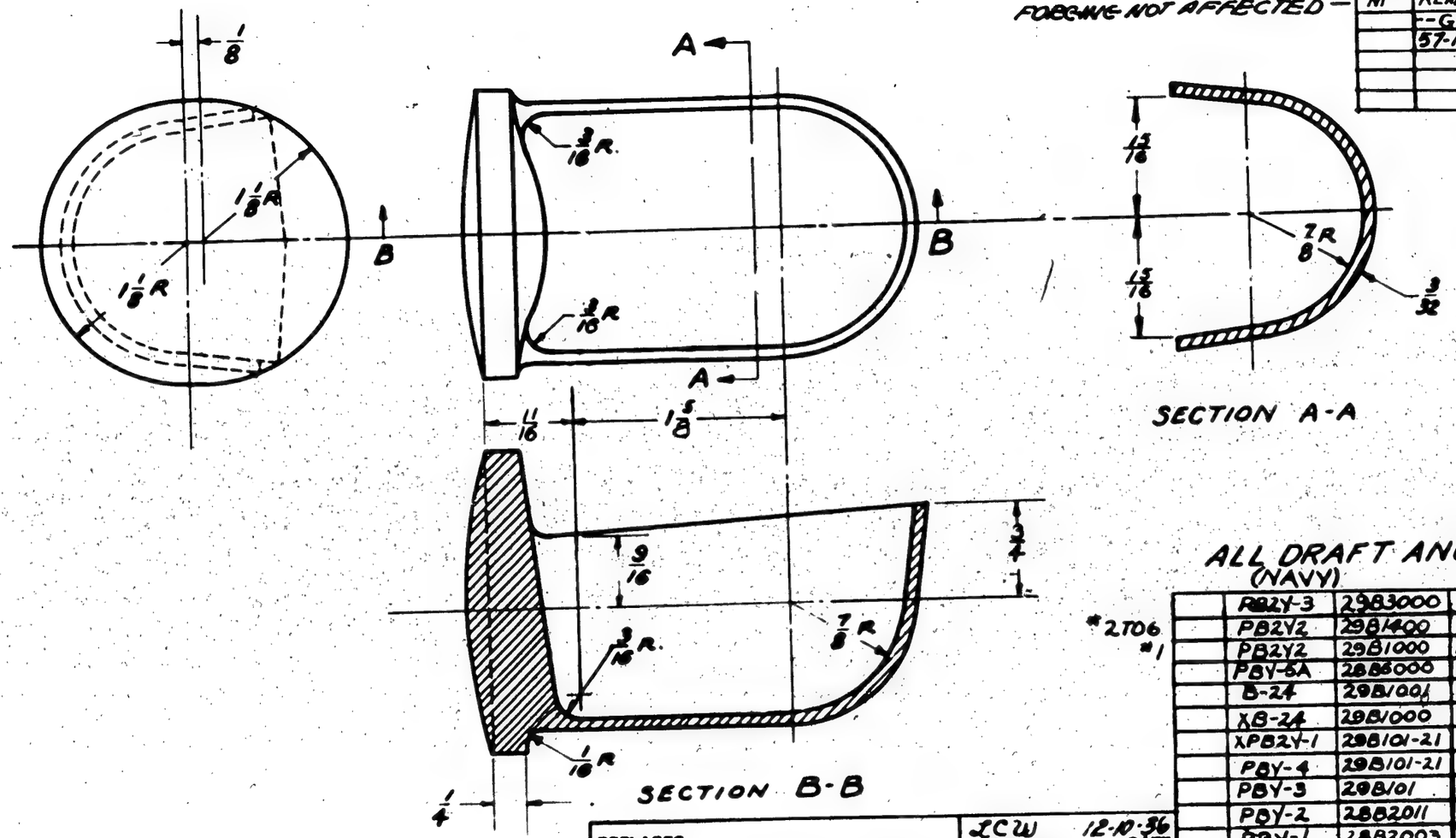
DWG. SIZE B

28B1999

SULLIVAN-MCKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
H	TRACED	12-10-36	CCB
I	ADDED XB-24 & B-24 REQMTS.	4-10-39	SUGGS
J	ADDED PB2Y-2 REQS.	10-16-39	WET
K	B-24D REQS. ADDED	1-17-41	EDMISTON
L	NEXT ASS'Y. 29B3000 WAS 29B3400	1-30-41	DUNCAN
M	REMOVED FROM FACE NOTE "SPEC. --GRA" AC SPEC. AN-QQ-S-684 WAS 57-105-WD-4135. ADDED NAVY SPEC. AN-QQ-S-684 (NO WT. CHG.)	7-10-42	STROBURG

FOREGOING NOT AFFECTED —



ALL DRAFT ANGLES 7°

	O.M.	MODEL	NEXT ASSY	REQ
	PB2Y-3	2983000	16	
	PB2Y2	29B1400	16	
	PB2Y2	29B1000	16	
	PBY-5A	28B5000	8	
	B-24	29B1001	16	
	XB-24	29B1000	12	
	XPB2Y-1	29B101-21		
	PBY-4	29B101-21		
	PBY-3	29B101		
	PBY-2	28B2011		
	PBY-1	28B2003		

MODEL	NEXT ASSY	REQ
28B5AMN	28B5000	8
PBY5B	28B5000	8
PBY5	28B5000	8
PB2Y3	2983000	16
B24E	28B1000	8
LB30	28B5000	16
PB2Y-3	29B3000	16
B-24C	32B1000	8
B-24D	32B1000	8
B-24A	28B5000	16
XB-24	32B1000	16
PB2Y-2	29B1000	16

*2T06 #1

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32

LCW APPROVED 12-10-36 DATE

68 KRA CALC. WT. ACT. WT.

SCALE 12" = 1'-0"

MAT	REQUIREMENTS PER AIRPLANE	PARTS LIST PER ASSY
AN-QQ-S-684	NONE	NONE
AN-QQ-S-684	NONE	NONE
SPEC.	HEAT TREAT	FINISH

CHR. MOLY. AC STL. FORGING

NAVY CHROM. MOLY STL. FORGING

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

DRAFT	CHECK	EXAM	EN
BRANT 10-20-36	STOUT 12-17-36	MILLER	

NAME TERMINAL FORGING-ENGINE MOUNT

OPP HAND

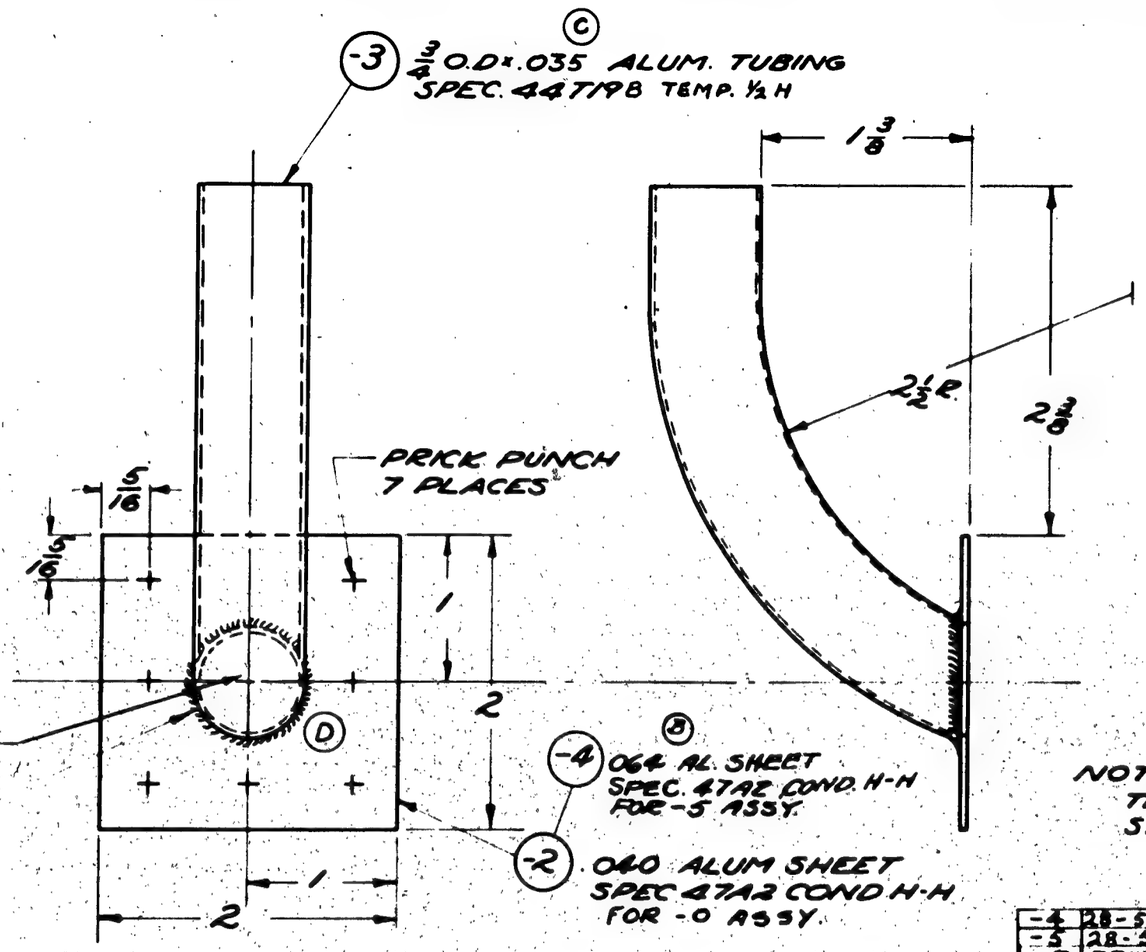
CWG B SIZE 28B2002

28B2002

R

28B2036 C

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-26-38	Jensen
B	ADDED -4 REPLACING -2 FOR -5 ASSY.	11-17-39	Gillis
	ADDED PBY-5 REQMTS. & -5 ASSY.	11-18-39	HARTLEY
C	MATR'L FOR -3, 3/4 O.D. X .035 AL. TUBE, SPEC. 44T19B-TEMP. 1/2 H. WAS 3/4 O.D. X .028 AL. TUBE, SPEC. 44T19 COND. H-H. WT. CHG. NEG.	7-4-42	Johnson
D	REMOVED 3/4 D. DIM. NO WT. CHG.	6-25-43	Kantel



NOTE
THIS PART IS USED ON PBY-2 STARTING WITH #26 AIRPLANE

GP-GREENFIELD

FINIS	
Z	[redacted]
P	P-27 [redacted]
AP	[redacted]
C	[redacted]

-4	28-5's	28B5160	1																				
-5	28-5's	28B1024	1																				
-5	PBY-5A	28B1024	1																				
-4	PBY-5A	28B5160	1																				
-5	PBY-5	28B1024	1																				
-4	PBY-5	28B5160	1																				
-5	PBY-5B	28B1024	1																				
-4	PBY-6B	28B5160	1																				
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.																		
							-4			1													
							-3	1		1													
							28B2036 - 2	1															
										-5													
AC										7-12-ST	LOC												
NAVY NOTED		NOTED		NONE			Z-P-26P.			YATER	Berger	Murray											
MATERIAL		SPEC.		HEAT TREAT			FINISH			DRAFT	CHECK	EXAM.		ENG.									

28B2031 REPLACES
REPLACED BY 1/32
LIGHT ON BACKGROUND UNLESS + STRUCTURE ACCEPTED
REV 1-26-38 APPROVED DATE
.05 CALC. WT. ACT. WT.
12" = 1'-0" SCALE
[redacted]

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME TUBE-HULL-PILOT'S ENCLOSURE WINDOW WELL DRAIN LOWER

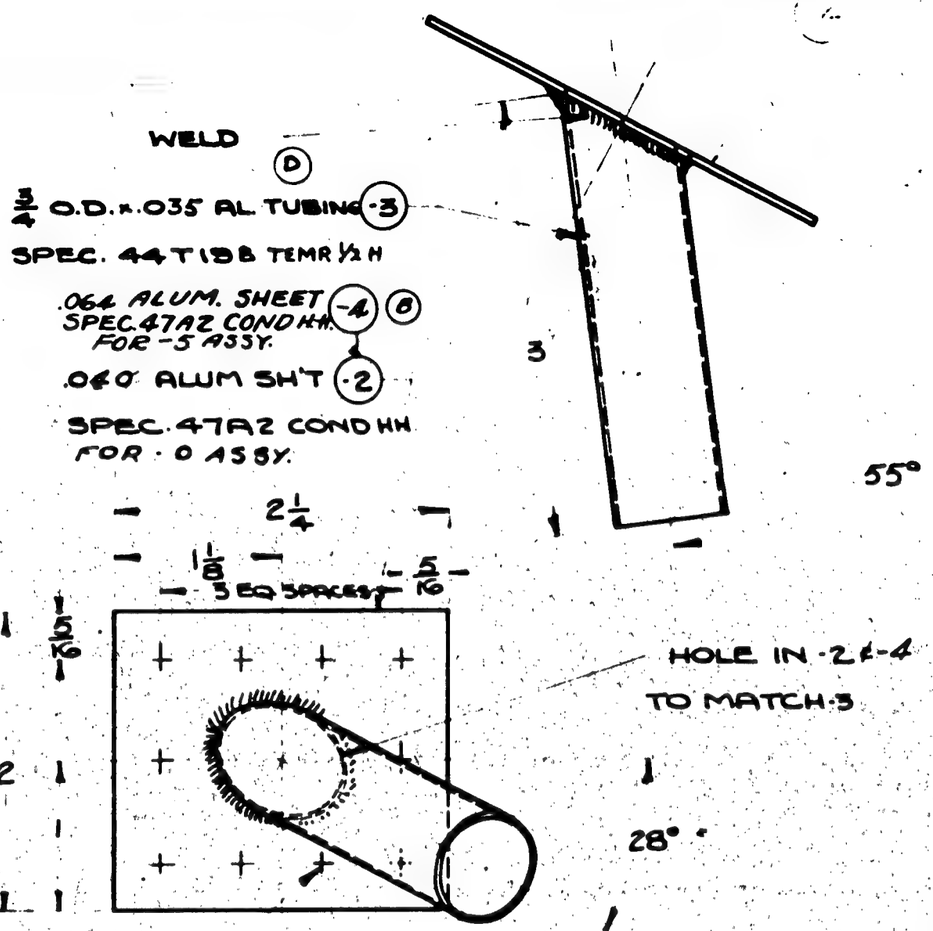
OPP. HAND —

DWG. B SIZE

28B2036

PRINTED ON "IMPERIAL" TRACING CLOTH KEUFFEL & ESSER CO., N. Y.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-2-38	E.J. [illegible]
B	ADDED -5 ASS'Y. & ADDED -4		
	REPLACING -2 FOR -5 ASS'Y.	11-17-39	HARTER
	ADDED PBY-5 REQMTS.		
C	ADDED RIGHT HAND REQMTS	2-19-40	NESS
D	MATR'L FOR -3, 3/4 O.D. X .035 AL.		
	TUBING, SPEC. 44T19B TEMP. 1/2 H.		
	WAS 3/4 X .028 AL. TUBING, SPEC.		
	44T19 - TEMP. H.H. WT. CHG. NEG.	7-3-42	WILSON-HAGEN



PRICK PUNCH 10 PLACES

*NOTE:

FOR PBY-2, THIS PART IS USED ON SHIPS #0478 - #0504 INCL (#25 ON).

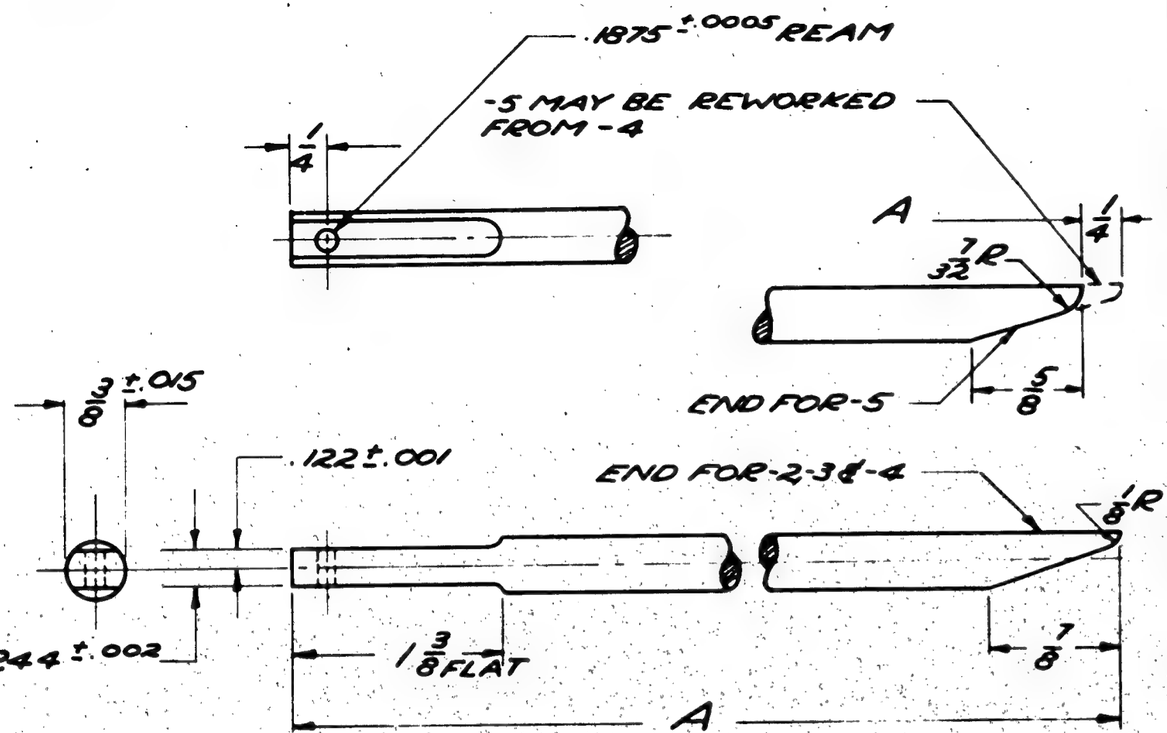
G.P. GREEN PRIME

-5R	PBY-5A	28B1024	1																						
-5L	PBY-5A	28B1024	1																						
-5R	PBY-5	28B1024																							
-5L	PBY-5	28B1024																							
-5R	PBY-5B	28B1024																							
-5L	PBY-5B	28B1024																							
-5R	28-5'S	28B1024																							
-5L	28-5'S	28B1024																							
-1	*PBY-2	28B1024												-4			/	/							
	*PBY-2	28B1024												-3	1	1	/	/							
														-2	1	1									
															LH	RH	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH
														PART NO.	REQ.		REQ.		REQ.		REQ.		REQ.		REQ.	
															'		-5								

REPLACES		APPROVED	DATE	O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.											
REPLACED BY		[illegible] 2-2-38																							
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32° 61°		.04																							
		CALC. WT.	ACT. WT.																						
		12"=1'0"																							
		SCALE																							

[redacted]

A C																									
NAVY NOTED		NOTED		NONE		Z-P-2 G.P.																			
MATERIAL		SPEC.		HEAT TREAT		FINISH																			



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED TO DATE	2-8-38	

O. H.	MODEL	NEXT ASSY.	REQ.
-2	PBY-5	28B2019	2
-4		28B2018	1
-3		28B2018	2
-2		28B2018	2
-4		28B2017-0	1
-3		28B2017-0	2
-2		28B2017-0	2
-5		28B2016	1
-3		28B2016	2
-2	PBY-5	28B2016	2
-4	PBY-4	28B2019	
-3		28B2019	
-2		28B2019	
-4		28B2018	
-3		28B2018	
-2		28B2018	
-4		28B2017	
-3		28B2017	
-2		28B2017	
-5		28B2016	
-3		28B2016	
-2	PBY-4	28B2016	
-4	PBY-3	28B2019	
-3		28B2019	
-2		28B2018	
-4		28B2018	
-3		28B2018	
-2		28B2018	
-4		28B2017	
-3		28B2017	
-2		28B2017	
-5		28B2016	
-3		28B2016	
-2	PBY-3	28B2016	
-4	PBY-2	28B2019	
-3		28B2019	
-2		28B2019	
-4		28B2018	
-3		28B2018	
-2		28B2018	
-4		28B2017	
-3		28B2017	
-2		28B2017	
-5		28B2016	
-3		28B2016	
-2	PBY-2	28B2016	

O. H.	MODEL	NEXT ASSY.	REQ.
-4	PBY-5	28B2019	1
-3	PBY-5	28B2019	2
-4	PBY-5B	28B2019	1
-3		28B2019	2
-2		28B2019	2
-4		28B2018	1
-3		28B2018	2
-2		28B2018	2
-4		28B2017-0	1
-3		28B2017-0	2
-2		28B2017-0	2
-5		28B2016	1
-3		28B2016	2
-2	PBY-5B	28B2016	2
-4	28-5 MA MC MN HA MN	28B2019	1
-3		28B2019	2
-2		28B2019	2
-4		28B2018	1
-3		28B2018	2
-2		28B2018	2
-4		28B2017-0	1
-3		28B2017-0	2
-2		28B2017-0	2
-5		28B2016	1
-3		28B2016	2
-2	28-5 MA MC MN HA MN	28B2016	2
-4	OA-10	28B2019	1
-3		28B2019	2
-2		28B2019	2
-4		28B2018	1
-3	OA-10	28B2018	2
O. H.	MODEL	NEXT ASSY.	REQ.

O. H.	MODEL	NEXT ASSY.	REQ.
-2	OA-10	28B2018	2
-4		28B2017-50	1
-3		28B2017-50	2
-2		28B2017-50	2
-5		28B2016	1
-3		28B2016	2
-2	OA-10	28B2016	2
-4	PBY-5A	28B2019	1
-3		28B2019	2
-2		28B2019	2
-4		28B2018	1
-3		28B2018	2
-2		28B2018	2
-4		28B2017-50	1
-3		28B2017-50	2
-2		28B2017-50	2
-5		28B2016	1
-3		28B2016	2
-2	PBY-5A	28B2016	2
-4	28-5 MA MC MN	28B2019	1
-3		28B2019	2
-2		28B2019	2
-4		28B2018	1
-3		28B2018	2
-2		28B2018	2
-4		28B2017-50	1
-3		28B2017-50	2
-2		28B2017-50	2
-5		28B2016	1
-3		28B2016	2
-2	28-5 MA MC MN	28B2016	2
O. H.	MODEL	NEXT ASSY.	REQ.

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.										

A C					RTD	Berger	H.W.H	R	
NAVY AL ALLOY 24ST	46A9 COND T	NONE	NONE		2-8-37				
MATERIAL	SPEC.	HEAT TREAT	FINISH		DRAFT	CHECK	EXAM.	ENG.	

REPLACES	APPROVED	DATE
	-3 E.O.	
REPLACED BY	-2 E.O.	ACT. WT.
	CALC. WT.	
LIMIT ON DIMENSIONS UNLESS ± OTHERWISE INDICATED	SCALE 12" = 1'-0"	

LCW 2-8-38

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT NO WHERE SHOWN

NAME ROD HULL WATERTIGHT DOOR

OPP. HAND

DWG. B SIZE 28B2132

28B2132-2 A = 9 27/32

28B2132-3 A = 10 3/4

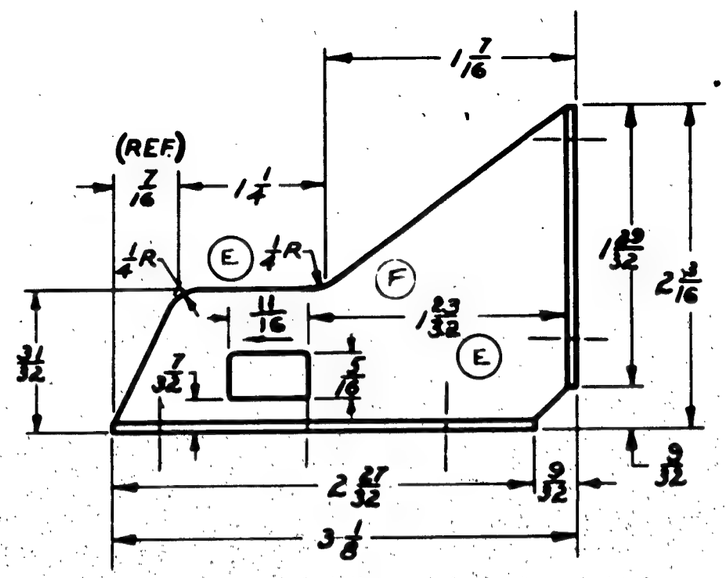
28B2132-4 A = 25 3/8

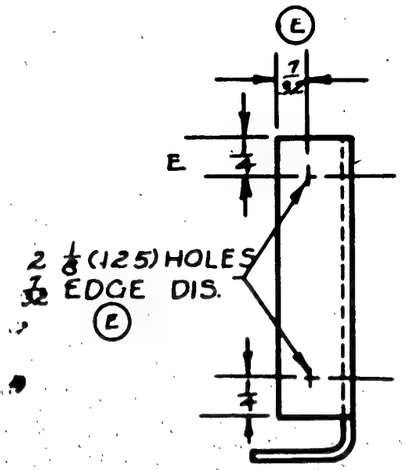
28B2132-5 A = 25 1/8

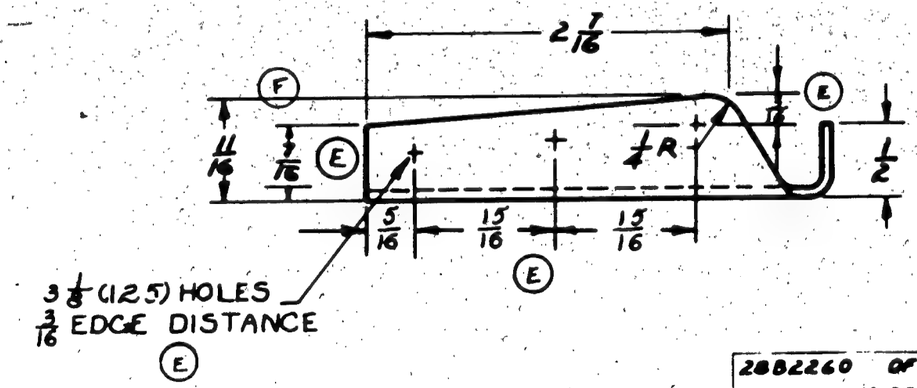
PRINTED ON "IMPERIAL" TRACING CLOTH E & S CO., N. Y.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED	1-26-38	STACY
E	5/8 DIM. WAS 7/32 & 1 3/4 WAS 1 13/16; ADDED 1/8 (.125) HOLES, NEG. WT. CHG.	7-17-42	[illegible]
F	DIM. 11/16 WAS 5/8; 1 23/32 WAS 1 3/4; 7/16 WAS 1/2. WT. CHG. NEG.	8-8-42	FUNK

E.O. A-40799







ALL BENDS 1/32 INSIDE R.

-R	28-5AMN	28B2024	1
-L	28-5AMN	28B2024	1
-R	PBY-5B	28B2024	1
-L	PBY-5B	28B2024	1
-R	PBY-5	28B2024	1
-L	PBY-5	28B2024	1
-R	PBY-5A	28B2024	1
-L	PBY-5A	28B2024	1
-1	PBY-4	28B2024	
	PBY-4	28B2024	
-1	PBY-3	28B2024	
	PBY-3	28B2024	
-1	PBY-2	28B2024	
	PBY-2	28B2024	
O.H.	MODEL	NEXT ASSY.	REQ.

-R	28-5AMC	28B2024	1
-L	28-5AMC		1
-R	28-5MN		1
-L	28-5MN		1
-R	28-5ME		1
-L	28-5ME		1
-R	28-5MC		1
-L	28-5MC		1
-R	28-5MA		1
-L	28-5MA	28B2024	1

FINISH:
CAD. PLATE, P27 PRIMER, 2 BLACK LACQUER

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.

REQUIREMENTS PER AIRPLANE

MAT. | PARTS LIST PER ASSY.

28B2260 OF
REPLACES 12-30-36
APPROVED 6-26-37 DATE
REPLACED BY
CALC. WT. .05 LB.
ACT. WT.
± 1/64 LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
SCALE 12"=1'-0"

A C
NAVY .064 C.R. STEEL SHEET
MATERIAL
4134 SPEC.
NONE HEAT TREAT
C-P-28 L FINISH

6-26-37 DRAFT | PROVR CHECK | PRATT EXAM. | ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

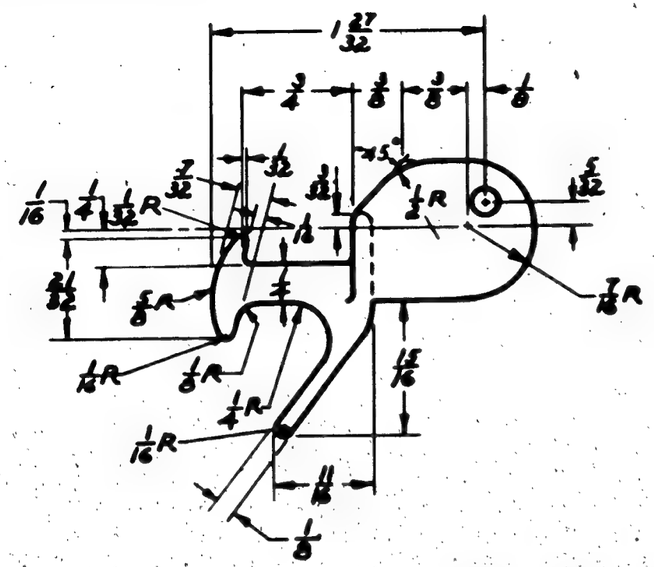
NAME
LATCH - PILOT'S ENCLOSURE FRONT LOCK

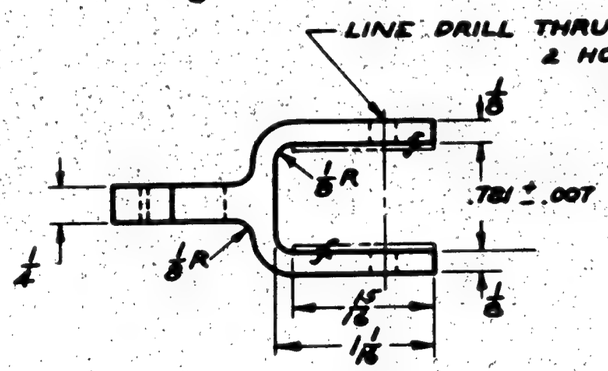
OPP. HAND 28B2260-1

DWG. B SIZE
28B2260

PRINTED ON "IMPERIAL" TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	1-26-38	STACY





G.P GREEN PRIME

	PBY-5A	28B2259	2
	PBY-4	28B2259-1	
	PBY-4	28B2259	
	PBY-3	28B2259-1	
	PBY-3	28B2259	
	PBY-2	28B2259-1	
	PBY-2	28B2259	
	PBY-5B	28B2259	2

O.H.	MODEL	NEXT ASSY.	REQ	ST'D PARTS	LH RH REQ.	PART NO.	LH RH REQ.	LH RH REQ.	LH RH REQ.	LH RH REQ.	LH RH REQ.	LH RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.							
A C							L.R.B.		H.W.H.	R		
NAVY CASTING MANG. BRONZE		4983		NONE		C-P-[illegible] G.P	12-29-36					
MATERIAL		SPEC.		HEAT TREAT		FINISH	DRAFT	CHECK	EXAM.	ENG.		

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE STATED QTY

[redacted] 12-29-36
APPROVED DATE

L.H S.H.A
CALC. WT. ACT. WT.

12"=1'-0"
SCALE

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME HOOK-HULL-PILOT'S HATCH-FRONT LOCK

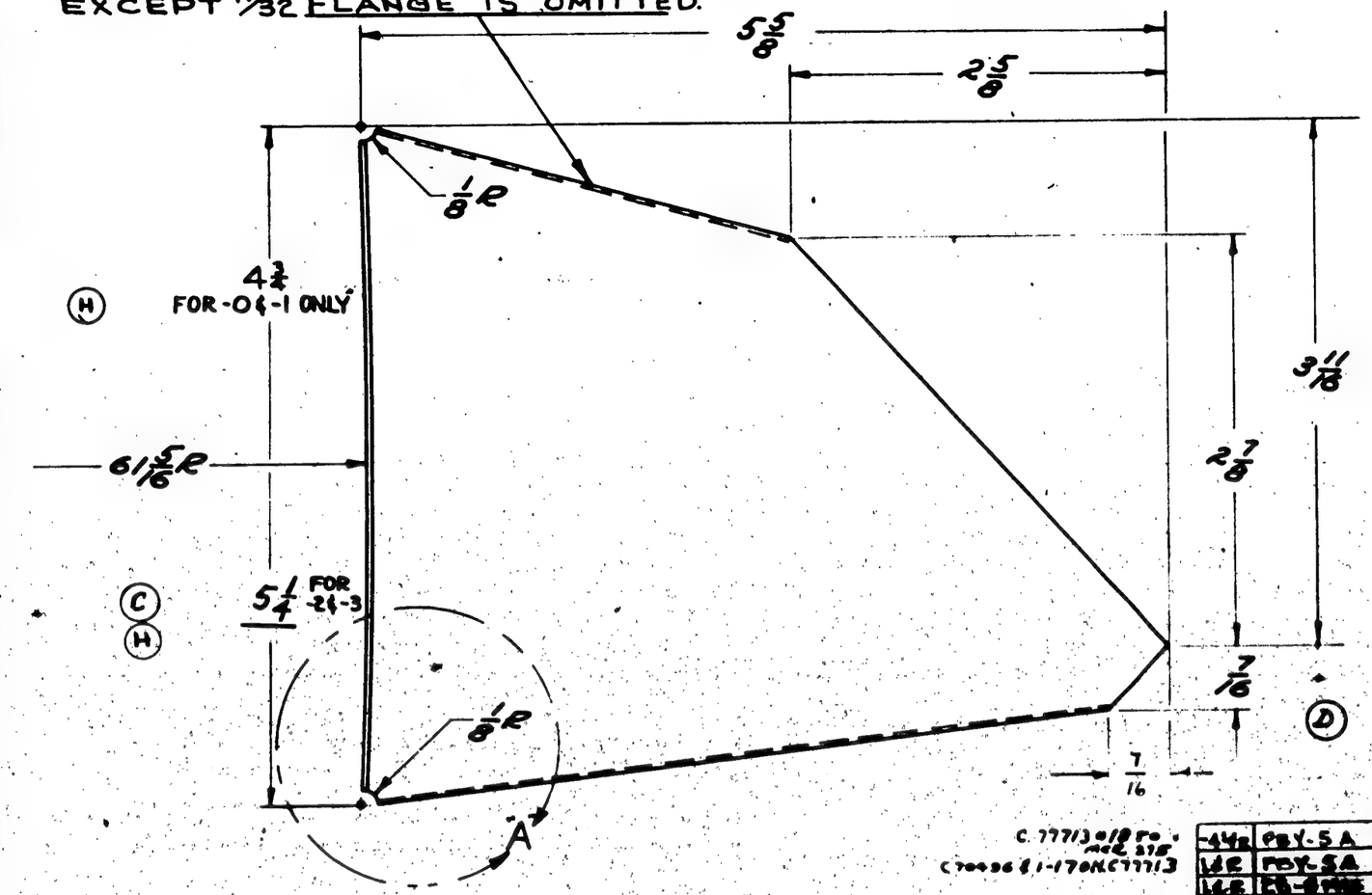
OPP. HAND

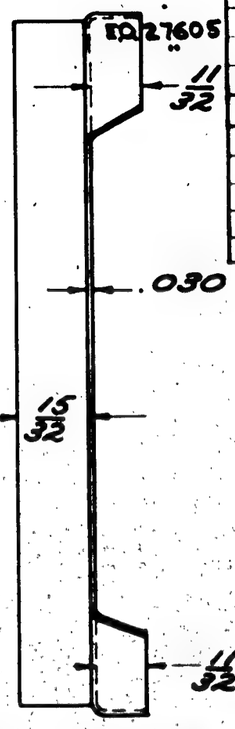
DWG. B SIZE

28B2263

PRINTED ON IMPERIAL TRACING CLOTH

(G) NOTE: -4L/R SAME AS -2 & -3 EXCEPT 11/32 FLANGE IS OMITTED.

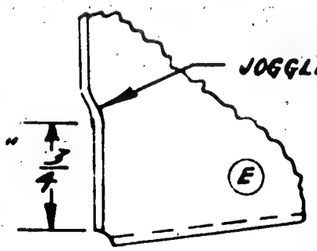




SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	3-21-38	Jamm
C	5 1/4 WAS 4 3/4	9/14/38	Kaiser
D	DELETED 1 1/2 DIM	"	"
E	ADDED DETAIL "A" SHOWING -2 & 3	"	"
F	CHG'D MAT. FROM 24ST TO 2450	10-30-40	NYMAN
"	CHG'D SPEC. FROM COND T TO COND A	"	"
G	ADDED NOTE "-4L/R ------		
	OMITTED"	1-12-42	GRAY
H	ADDED 4 3/4 DIM. FOR -0 & -1 ONLY.		
	LIMITED 5 1/4 DIM. TO -2 & -3. NO WT. CHG	1-28-43	BAGLEY
J	CHG. LIMITATIONS FOR -4L&R FROM A ADDED 28B6681 FOR FROM -4L/R	N/A	
	M.C.R. 275 & ON NO WT. CHG.	7-13-43	Emile

E.O. NO. NIC2255
E.O.A. 80543

ALL BENDS 1/16 INSIDE RADIUS .



MAKE -2, -3, & -4 L/R AS SHOWN IN DETAIL A"

DETAIL "A"

C. 77713 & 18 Fo. MCR 275
C. 70496 & 1-170 & C. 77713

C. 70496

28B1292 FOR PBY-3 & -4 L/R 28A2480

REPLACES	APPROVED	DATE
	.06	
REPLACED BY	CALC. WT.	ACT. WT.
1/64	12=1-0"	
LIMIT ON DIMENSIONS UNLESS ±	SCALE	

[redacted]

O.H.	MODEL	NEXT ASSY.	REQ.
-4 L/R	PBY-5A	28B1149	1 EA
L&R	PBY-5A	28B1149	1
L&R	PB-5 MOD	28B1149	1 EA
L&R	PB-5 MOD	28B1149	1
L&R	PB-5 MOD	28B1149	1
L&R	PB-5MA	28B1149	1
L&R	PBY-5	28B1149	1
-3	1PBY-5	28B1149	
-2	1PBY-5	28B1149	
-1	PBY-3	28B1149	
-0	PBY-3	28B1149	

ST'D PARTS	LH REQ.	RH REQ.	PART NO.
-4 L/R	PBY5A	28D9681	1
L/R	PBY-5	28B1149	1 EA.
L&R	PBY5A	28B1149	1
-4 L/R	PB-5AMC	28B1149	1
-4 L/R	PB-5AMC	28B1149	1

MCR 275 C91876

G.P. GREEN PRIME FINISH CODE

LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

G.P. 5-2837

AC	NONE	Z-P-2	MOHR		MOFFITT R
AL. ALLOY SHEET 2450.	ANA10 COND A.				
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP BY, NO UNLESS SHOWN

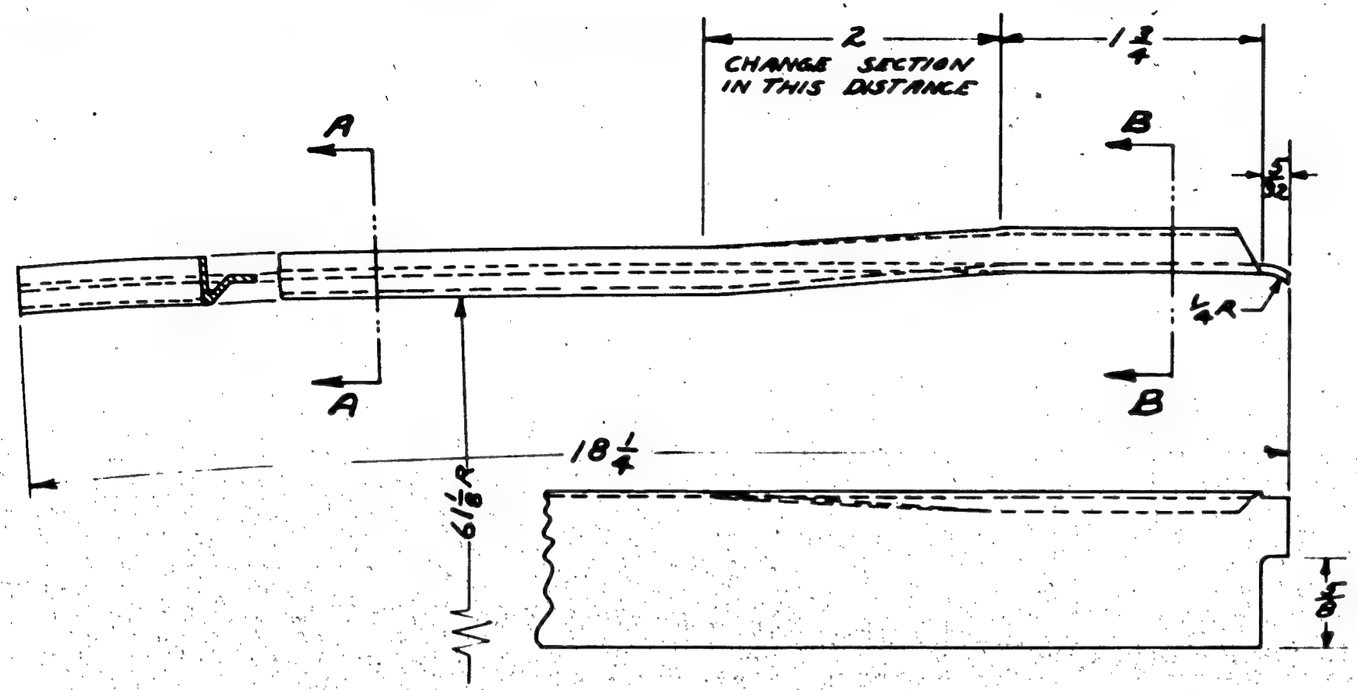
NAME GUSSET-HULL-SUPERSTRUCTURE BELTFRAME #4.50

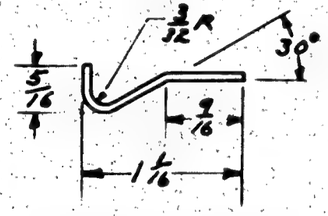
OPP. HAND 28B2292-1&3-AR

SIZE B 28B2292 DWG.

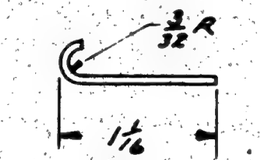
PRINTED ON "IMPERIAL" TRACING CLOTH K & E CO., N.Y.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-31-38	[illegible]





SECTION A-A



SECTION B-B

R	PBY-5A	28B2350	1	C. 7049 6
L	PBY-5A	28B2350	1	
R	PBY-5A	28B2350	1	C. 7713 WITHRU 7 4 REPLACED BY 2885031 ON HULL & 485 & ON
L	PBY-5A	28B2350	1	
-1	PBY-4	28B2350-1		
	PBY-4	28B2350		
-1	PBY-3	28B2350-1		
	PBY-3	28B2350		
-1	PBY-2	28B2350-1		
	PBY-2	28B2350		

G. F. GREEN PRIME

FINIS + CODE	
Z	[illegible]
P	P&W PRIMER
AP	[illegible]
C	[illegible]

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS + 1/64

RCW 1-31-38 APPROVED DATE

.10 CALC. WT. ACT. WT.

12" = 1'-0"

[redacted]

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.												

A C

NAVY 040 AL ALLOY SHEET (2S50) — MATERIAL

47A11 TEMPER A — SPEC.

NONE — HEAT TREAT

Z-P-2 [illegible] 6.1 — FINISH

J Van N. Berger H.W.H.

12-12-36 — DRAFT | CHECK | EXAM. | ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. NO. WHERE SHOWN

NAME

GUTTER-HULL-PILOT'S HATCH DRAIN REAR

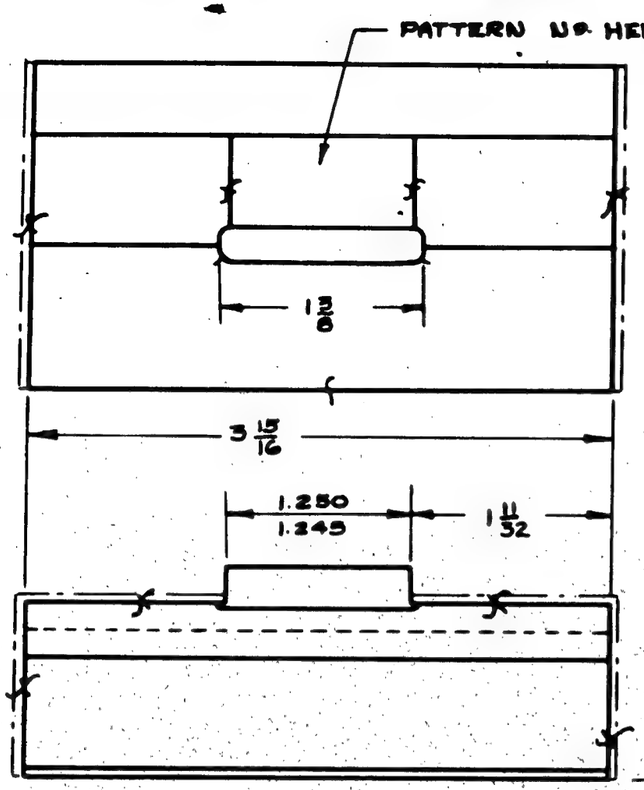
OPP. HAND 28B2351-1

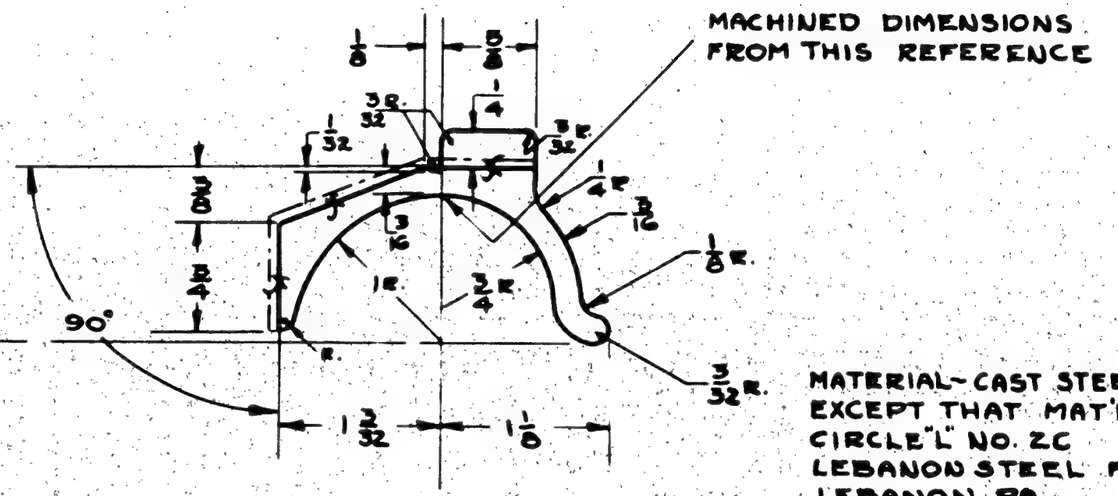
DWG. B SIZE

28B2351

PRINTED ON IMPERIAL TRACING CLOTH
[illegible]

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	9-7-37	WELSON



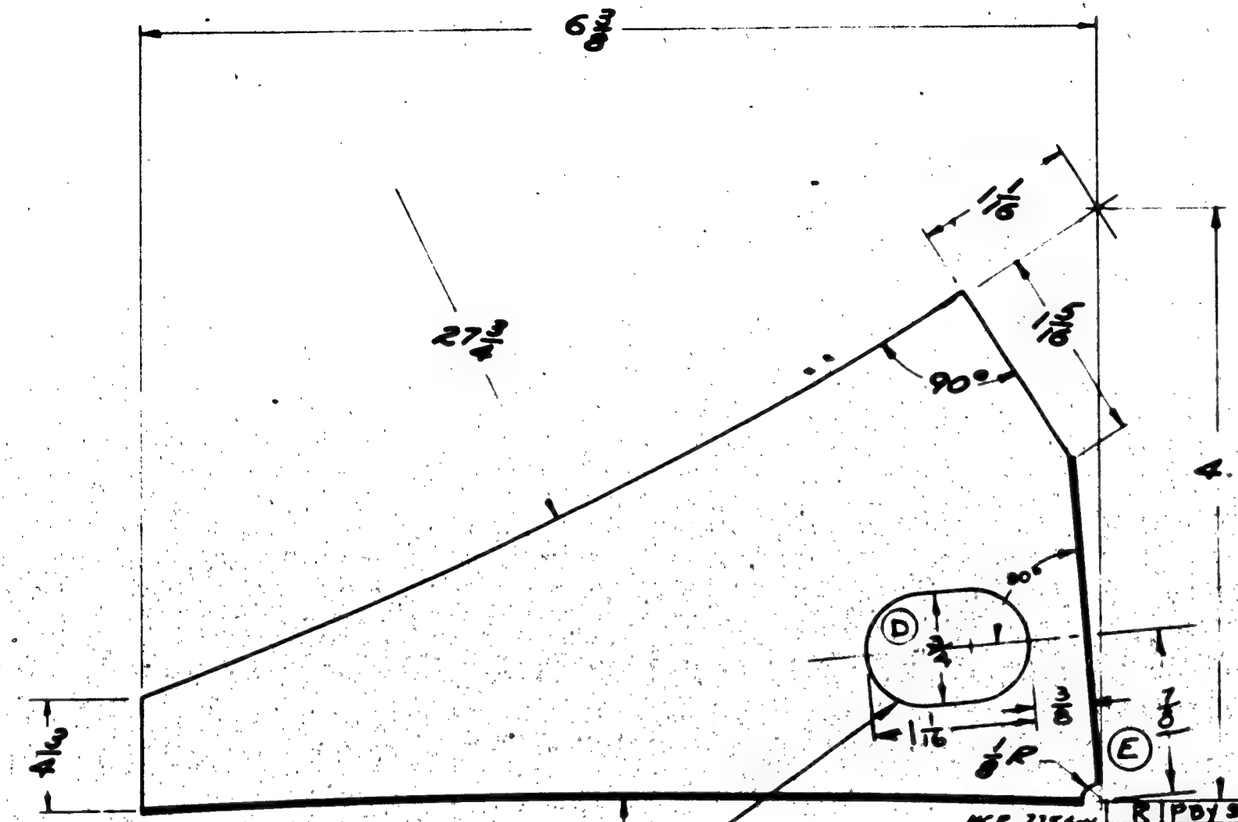


MATERIAL- CAST STEEL SPEC. 4931
EXCEPT THAT MAT'L TO BE LEBANON
CIRCLE "L" NO. 2C
LEBANON STEEL FOUNDRY CO.
LEBANON, PA.

						PBY-5B	2882049	2							
						PBY-5A	2882049	2							
						PBY-4	2882049-6								
						PBY-3	2882049-6								
						PBY-2	2882049-5								
REPLACES 2881599															
REPLACED BY															
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010															
[redacted]															
APPROVED RCW	DATE 9-7-37														
CALC. WT. 1.12	ACT WT.	O.H.	MODEL	NEXT ASSY	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.					
SCALE 12" = 1'-0"	REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.									
AC															
NAVY NOTED	NOTED	NONE			SAND BLAST										
MATERIAL	SPEC.	HEAT TREAT			FINISH										

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	3-27-38	Jones
C	MATL WAS 24ST	6/17/40	Kliger
D	HOLE, PUNCHED, ADDED	10-29-40	Rioux
E	7/8 WAS 1 1/8	12-5-40	Hauck
F	LIMITED NEXT ASSY FOR PBY-5A		
	TO 1 TO MCR 275. ADDED 2885685	N/A	
	FOR PBY-5A. MCR 275 4 SW NO WT. CHG.	7-13-43	Smith

E.O. 22138
E.O. 22139A



G.P. GREEN PRIME

NIS - CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALCLAD PRIMER
C	CHROMIC PLATE

R	PBY 5A	2885685	1
L	PBY 5A	2885685	1
-L	PBY-5(28)	2881146	1
-R	PBY-5(28)		1
R	PBY- 5A		1 EA
L	PBY- 5A		1 EA
-1	PBY-4	2881145	
	PBY-4		
-1	PBY-3		
	PBY-3		

O.H.	MODEL	NEXT ASSY.	REQ	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES	APPROVED	DATE
2881465 FOR PBY-3	[redacted]	6-2438

REPLACED BY	CALC. WT.	ACT. WT.
1/64	.04	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	SCALE	12" = 1'-0"

MATERIAL	SP	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY AL. ALLOY SHEET 2450	AN-A-10 COND A	SR53 - CONAT	Z-P-2 G.P. Mono				Mahaffey R

AC

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

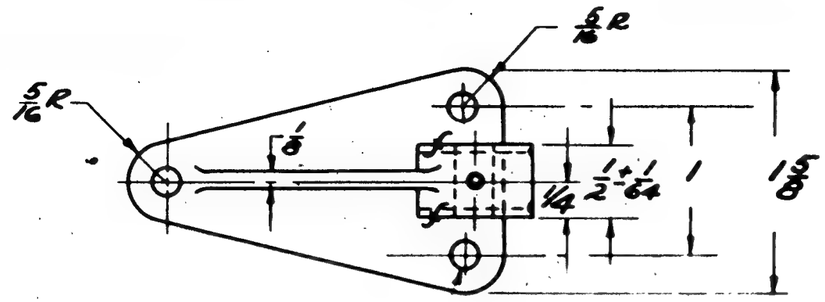
NAME GUSSET HULL SUPERSTRUCTURE BELTFRAME - STA 425

OPP. HAND 2882465-1

DWG. B SIZE 2882465

PRINTED ON "IMPERIAL" TRACING CLOTH KEUFFEL & ESSER CO., N. Y.

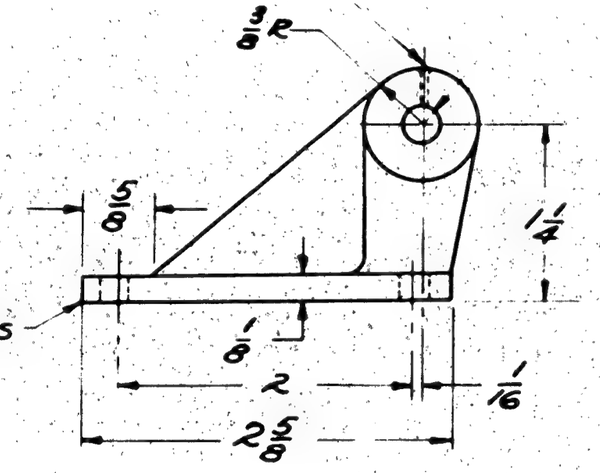
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED.	1-28-38	[redacted]
D	IN 8/14, REPLACED "ALCOA "195T4 AL. ALLOY CAST., 46A1-CL.4, SA-AB", WITH, "NOTED" ON FACE OF DWG., ADDED NOTE "1, "MAT'L. MAY BE." BRT AIRPLOT TO DATE. (NO WT CHG)	7-10-43	NOBLE



DRILL #10 (.193) 3 HOLES

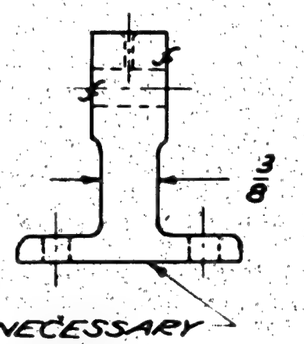
DRILL 1/8 DIA 1/16 OIL HOLE. C'SINK 120°

REAM 3505/249 PBY-2 & PBY-3 ONLY
DRILL #F (257) PBK4 FUTURE & SPARES



BREAK CORNERS

NOTE ALL FILLET RADII TO BE 3/32



FILE IF NECESSARY

NOTES:

(D)

1- MATERIAL MAY BE:
(A) 195T4 AL. ALLOY CASTING, SPEC. AN-QQ-A-390 CL.I, H.T. 29,000 #/□"; OR
(B) S-195T6 AL. ALLOY CASTING, SPEC. AN-A-5 CL.I, H.T. 32,000 #/□".
2- THIS PART MAY BE MADE FROM AL. ALLOY EXTRUSION DIE #K-5402, SPEC. 46A9 COND. T, UNTIL CASTINGS ARE AVAILABLE.

FINISH CODE	
Z	ANODIC TREATMENT
P	P-77 PRIMER
AP	ALUMINIZED PRIMER
C	CHROMIC PLATE

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	ALL 28-5's	28B2650	2														
	OA-10	28B2650	2														
	PBY-5	28B2650	2														
	PBY-5B	28B2650	2														
	PBY-5A	28B2650	2														
	PBY-4	28B2650															
	PBY-3	28B2650															
	PBY-2	28B2650															

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

A C				RTD
NAVY NOTED	NOTED	NOTED	Z-P	2-3-39 Berger HINCKLEY
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT / CHECK / EXAM. / ENG.

REPLACES 2881577 — APPROVED 1-28-38 — DATE
REPLACED BY — CALC. WT. 04 — ACT. WT.
LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED: 1/32 — SCALE 12-1"-0"

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME: HINGE-HULL-TUNNEL GUN DOOR MALE

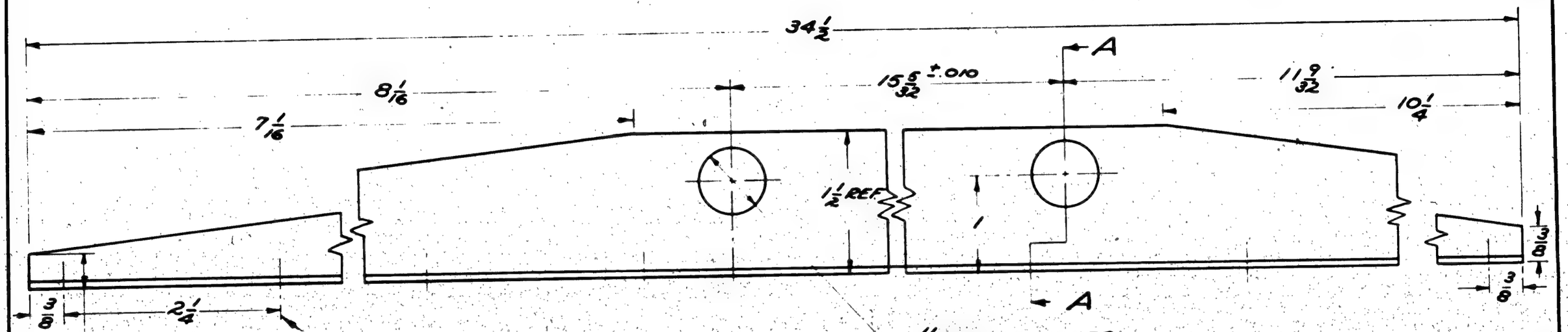
OPP. HAND

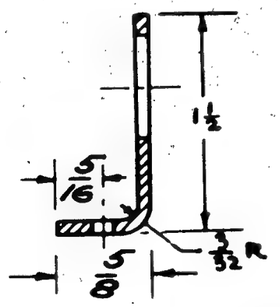
DWG. B SIZE — 28B2577

28B2577

PRINTED ON "IMPERIAL" TRACING CLOTH KEUFFEL & ESSER CO., N. Y.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-27-38	[illegible]
B	REMOVED NOTE FROM SEC. A-A." MAKE FROM		
	EXT. SEC. ALCOA DIE "K-11686." REPLACED		
	MAT IN BOM "AL. AL. EXT. (24ST) 46AB COND. T"		
	WITH ".102 X 2⅛ X 34⅝, 24ST ALCLAD, SPEC.		
	QQ-A-362-T. REVISED SEC. A-A. ADDED 3/32 R.,		
	1⅛ DIM. (WT. CHG. NEG.)	4-21-43	KNIGHT





SECTION A-A

SEE RELEASE SHEET

-R	PBY-3B	28B2650	1
-L	PBY-3B	28B2650	1
-R	PBY-5A	28B2650	1
-L	PBY-5A	28B2650	1
-1	PBY-4	28B2650	
	PBY-4		
-1	PBY-3		
	PBY-3		
-1	PBY-2		
	PBY-2	28B2650	

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.												

REPLACES	XCBJ 1-27-38 APPROVED DATE		
REPLACED BY 1/32	.70 LBS. CALC. WT.	ACT. WT.	
LIMIT ON DIMENSIONED HOLES ± [illegible]	12" = 1'-0" SCALE		

AC				
[illegible] .102 X 2⅛ X 34⅝ 24ST ALCLAD	QQ-A-362-T	NONE	Z-P	V.I.B B.O.I.
MATERIAL	SPEC.	HEAT TREAT	FINISH	3-2-38 Berger Hinckley
				DRAFT CHECK EXAM. ENG.

[redacted]

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP FT. NO. WHERE SHOWN

NAME ANGLE - HULL - TUNNEL GUN DOOR - STIFFENER

OPP. HAND 28B2651-1

DWG. B SIZE 28B2651

FIN	CODE
Z	ANODIC T[illegible]
P	P.27 [illegible]
AP	AL[illegible]
C	C[illegible]

PRINTED ON "IMPERIAL" DRAWING CLOTH

* NOTE:
ALTERNATE MATERIALS FOR -2
CHROME-MOLY SEAMLESS TUBING
AN-WW-T-850, COND. N.
(D) CHROME-MOLY WELDED TUBING
AN-T-3, TYPE I, COND. N.

PBY-28-5 ALL MODELS
E.O. 39073

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-27-38	Jennings
B	INCREASE 6 3/32 TO 6 15/16 - 10 15/16 TO 11 - 12 9/16 TO 12 5/8	4-8-41	BARLETT
C	1 1/4 WAS 5/8	6-23-42	CRAIN
D	ADDED NOTE: "ALTERNATE -- --COND. N." WT. CHG. NEG.	10-12-42	JUSTICE

REAM .4995 / .498 BOTH ENDS

9/16 R

3R (REF)

DRILL 3/16

1/4 R

1 1/4

(C)

* (-2) 5/8" OD x .065 WALL C.M. TUBING SPEC. 44T18

1 1/4

5/16 1/2 ± .010

(B) 6 15/16

WELD

.063

JIG DRILL 5/32 4 HOLES WITH -3 AT ANGLE SHOWN

(B) 11 ± .010

1/2 ± .010 5/16

12 5/8

(B)

(-3) CM. STL. SHT. SPEC. 4130

FINISH CODE	
Z	[redacted]
P	PBY PRIMER
AP	[redacted]
C	[redacted]

-3	PBY-4	28B2650																													
-3	PBY-2-3	28B2658																													
-3	PBY-4	28B2662																													
-3	PBY-2-3	28B2662																													
	PBY-4	28B2650																													
	PBY-2-3	28B2658																													
																													-3	1	
																													* -2	1	
O.H.	MODEL	NEXT ASSY.	REQ	ST'D PARTS	LH	RH	PART NO.	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH														
					REQ.			REQ.		REQ.		REQ.		REQ.		REQ.																

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

-3	28-5MC, AMC	28B2662	1 EA.																												
-3	28-5MC, AMC	28B2658	1 EA.																												
	28-5MC, AMC	28B2650	1 EA.																												
-3	28-5MA, ME, MN	28B2662	1 EA.																												
-3	28-5MA, ME, MN.	28B2658	1 EA.																												
	28-5MA, ME, MN.	28B2650	1 EA.																												
-3	28-5AMN	28B2662	1																												
-3	28-5AMN	28B2658	1																												
	28-5AMN	28B2650	1																												
-3	PBY-5, 5A & 5B	28B2662	1 EA.																												
-3	PBY-5, 5A & 5B	28B2658	1 EA.																												
	PBY-5, 5A & 5B	28B2650	1 EA.																												
O.H.	MODEL	NEXT ASSY	REQ																												

REQ. PER AIRPLANE

REPLACES																															
REPLACED BY	1/32																														
LIMIT ON DIMENSIONS UNLESS ± OTHERWISE INDICATED																															

XCW 1-27-38 APPROVED DATE

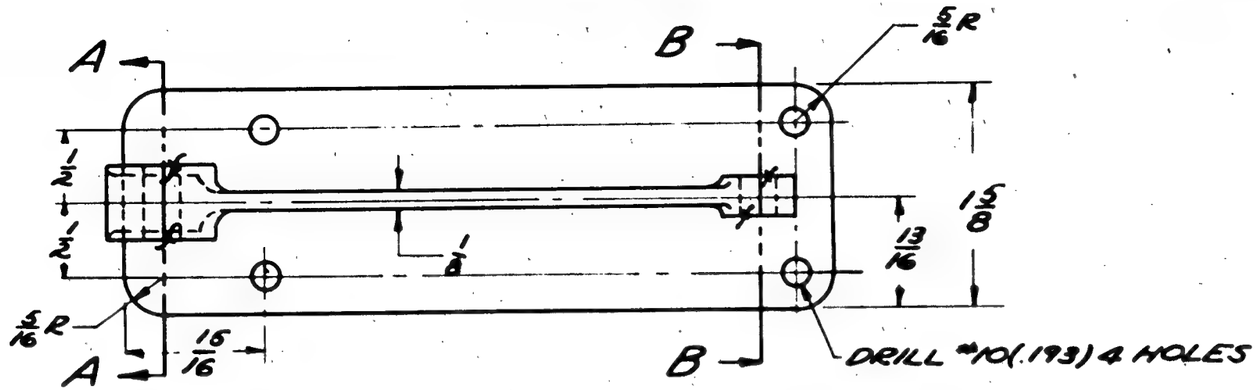
47 LBS CALC. WT. ACT. WT.

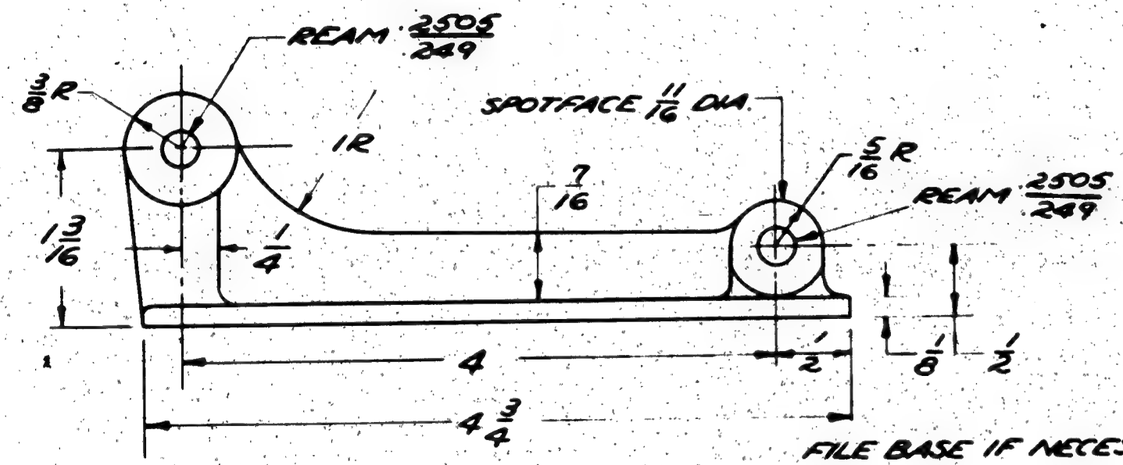
12" = 1'-0" SCALE

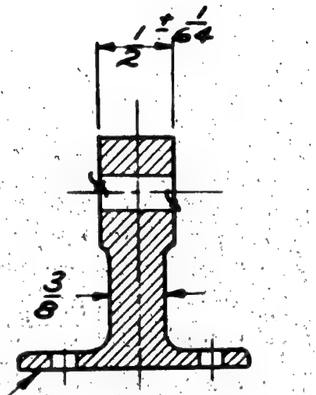
[redacted]

A C																															
NAVY NOTED	NOTED	SH27-1	C-P																												
MATERIAL	SPEC.	HEAT TREAT	FINISH																												

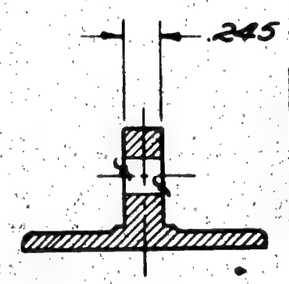
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-28-37	[illegible]
B	IN B/M, REPLACED "ALCOA #195T4 AL. ALLOY CAST, 46A1-CL.4, SA-BA", WITH "NOTED". ON FACE OF DWG. ADDED MAT'L. NOTE #2. & IN NOTE #3 - CORRECTED SPEC. 46A9 COND T. WAS "97A9 COND T." BRT AIR REQ'TS. TO DATE. (NO WT CH)	7-16-43	DmBLR







SECTION A-A



SECTION B-B

FINISH CODE	
Z	[illegible]
P	P.V. SILVER
AP	ALUMINIZED PRIMER
C	CHROMIUM PLATE

FILE BASE IF NECESSARY

NOTE:
1.- ALL FILLET RADII TO BE 1/8.
2.- MATERIAL TO BE:
(A) 195T4 AL. ALLOY CASTING, SPEC. AN-QQ-A-380 CL.I, H.T. 29,000 #/□", OR
(B) S-195T6 AL. ALLOY CASTING, SPEC. AN-A-5 CL.II, H.T. 32,000 #/□".
3.- THIS PART MAY BE FROM AL. ALLOY EXTR. DIE #K-5402 UNTIL CASTINGS ARE AVAILABLE, SPEC. 46A9 COND. T.

(B)

O.H.	MODEL	NEXT ASSY.	REQ	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	ALL 28-53	28B2650	2												
	PBY-5A	28B2650	2												
	PBY-5	28B2650	2												
	PBY-4	28B2650													
	PBY-3	28B2650													
	PBY-2	28B2650													

REPLACES	APPROVED	DATE
	R.C.W.	1-20-38
REPLACED BY	CALC. WT.	ACT. WT.
1/32	.14	
LIMIT OF [illegible] UNLESS ±	SCALE	
	12" = 1'-0"	

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

A.C.				
NAVY NOTED	NOTED	NOTED	Z-P	V.I.B. Berger 2-10-37
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT / CHECK / EXAM. / ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT NO WHERE SHOWN

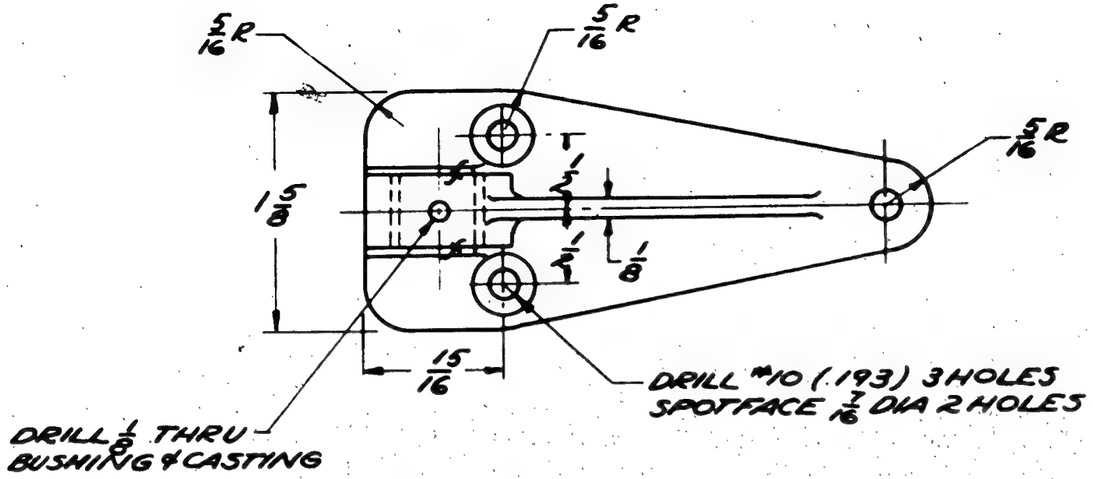
NAME: BRACKET-HULL-TUNNEL GUN DOOR MALE HINGE

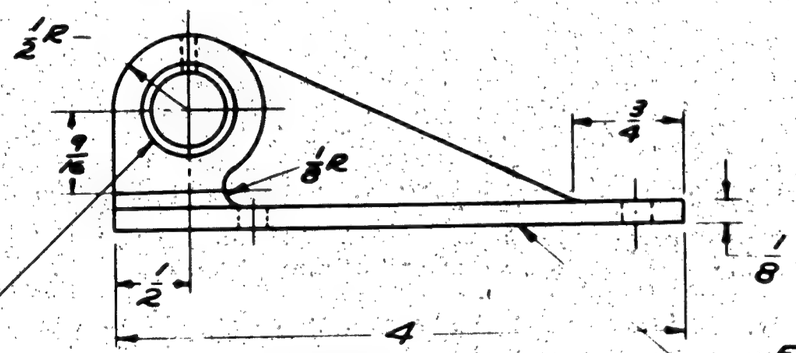
OPP. HAND

DWG. B SIZE 28B2653

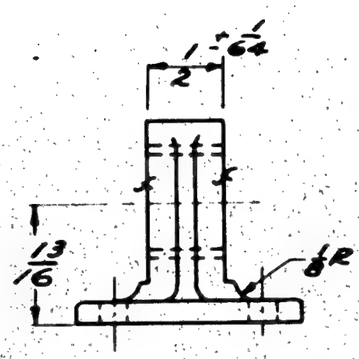
PRINTED ON "IMPERIAL" TRACING CLOTH K & E CO., N. Y.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
O	TRACED	1-28-38	
E	IN B/M, IN FINISH BLK. REPLACED "PAINT WITH" Z-P" ON FACE OF DWG., REMOVED NOTE "AL. ALLOY CAST'G. (195T4) SPEC. 46A1-CL.2, H.T. 5A.-8A, FINISH Z-P," & ADDED NOTE "1. BR'T. AIR/REQ'TS. TO DATE. (NO WELDING)	7-10-43	NOBLE





(E) NOTE:
1.- MATERIAL FOR -2 MAY BE:
(A) 195 T4 AL. ALLOY CASTING, SPEC. AN-QQ-A-390 CL. I, H.T. 29,000 #/□", OR
(B) S-195T6 AL. ALLOY CASTING, SPEC. AN-A-5 CL. II, H.T. 32,000 #/□".
NOTE: THIS PART MAY BE MADE FROM AL. ALLOY EXTRUSION DIE #K-5402 SPEC 46A9 CONDT. UNTIL CASTING IS AVAILABLE.



FILE IF NECESSARY

FINISH CODE	
Z	[illegible]
P	P.T.I. PRIMER
AP	[illegible]
C	[illegible] PLATE

O.H.	MODEL	NEXT ASSY.	REQ	ST'D PARTS	LH	RH	PART NO.	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH
					REQ.			REQ.		REQ.		REQ.		REQ.		REQ.	
	ALL 28 S'S.	28D2650	2				Q620-16-16	1									
	PBY-5	28D2650	2														
	PBY-5B	28D2650	2														
	PBY-5A	28B2650	2														
	PBY-4	28B2650															
	PBY-3	28B2650					28B2654-2	1									
	PBY-2	28B2650															

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES
REPLACED BY 1/32
APPROVED RCW DATE 1-28-37
CALC. WT. .10 lbs. ACT. WT.
SCALE 12" = 1'-0"

A C
NAVY NOTED — MATERIAL
NOTED — SPEC.
NOTED — HEAT TREAT
Z-P, FOR -2 ONLY — FINISH

	DRAFT	CHECK	EXAM.	ENG.
	SMITH			
	3-17-37	Berger	HANCKLY	

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

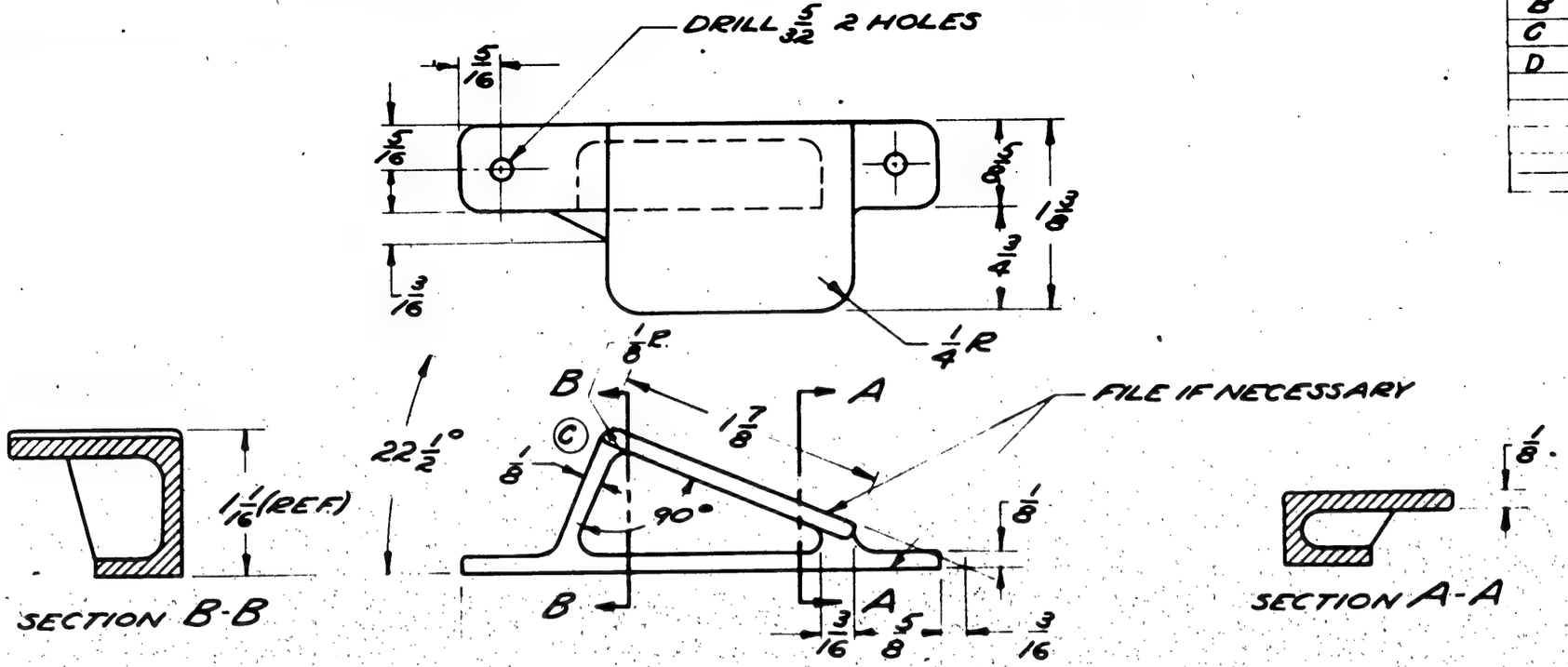
NAME BEARING-HULL-TUNNEL GUN DOOR-FRONT LOCK SHAFT

OPP. HAND

DWG. B SIZE 28B2654

PRINTED ON "IMPERIAL" TRACING CLOTH
K & E CO., N. Y.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	1-31-38	Jensen
C	TRIMMED CORNER AS SHOWN	7-15-40	MYERS
D	IN B/M, REPLACED "AL. ALLOY CASTG., ALCOA #195T4, 9-6A1-CL. 4, SA-B4", WITH "NOTED". ON FACE OF DWG., ADDED NOTE #3. BR'T. AIR/REQ'TS. TO DATE. (NO WT. CHG.)	7-16-43	MIDDLE



NOTES:

1.- THIS PART MAY BE MADE FROM .063 CM. STL. SHEET SPEC. 47514 UNTIL CASTINGS ARE RECEIVED (H.T. SH27-1) FINISH C-P & SH27-6

2.- ALL CORNER & FILLET RADII TO BE 1/8

(D) 3.- MATERIAL TO BE:
(A) 195T4 AL. ALLOY CAST'G., SPEC. AN-QQ-A-390 CL. I, H.T. 29,000 #/□", OR
(B) 5-185T6 AL. ALLOY CAST'G., SPEC. AN-A-5 CL. II, H.T. 32,000 #/□".

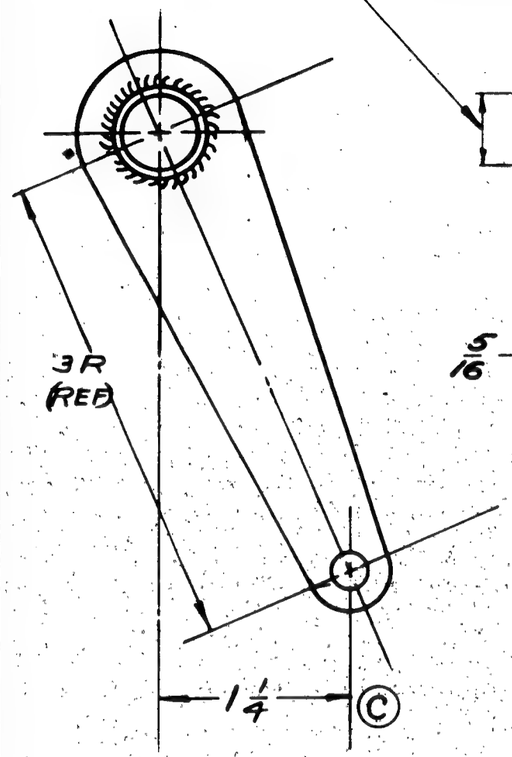
| | | |

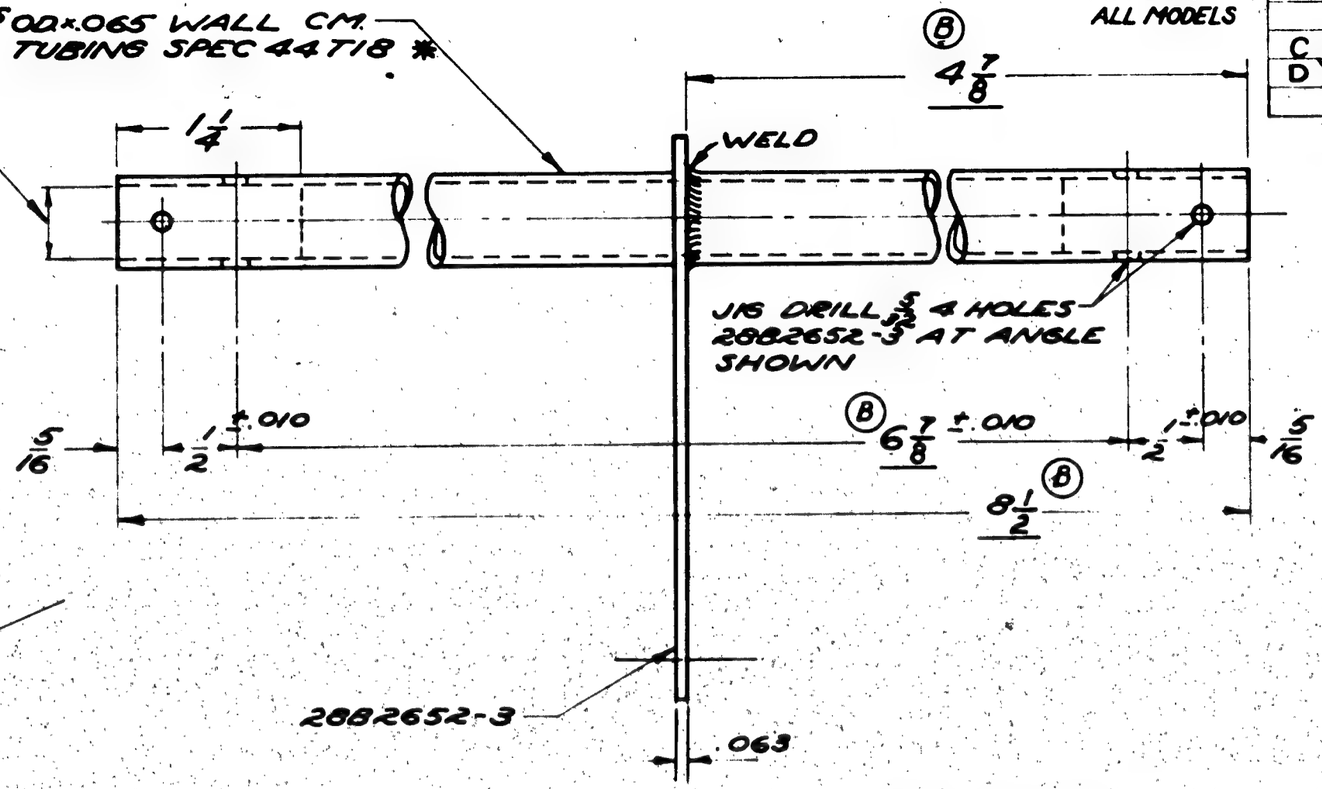
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-31-38	
B	4 7/8 WAS 4 11/16		
	6 7/8 WAS 6 7/16		
	8 1/2 WAS 8 3/16	4-9-41	PRELIMINARY
C	1 1/4 WAS 5/8	6-23-42	CRAIN
D	ADDED NOTE "ALTERNATE--		
	--COND. N." WT. CHG. NEG.	10-19-42	JUSTICE

BEAM :4995
:498
BOTH ENDS

(2) 5/8 OD x .065 WALL CM. TUBING SPEC 44T18 *

E.O. 39072
PBY & 28-5
ALL MODELS





* NOTE:
ALTERNATE MATERIALS FOR -2:
(D) CHROME-MOLY WELDED TUBING, AN-T-3, TYPE I, COND. N.
CHROME-MOLY SEAMLESS TUBING, AN-WW-T-850, COND. N.

	28-5MN,AMF	28B2650	1 EA																				
	28-5MC,AMC	28B2650	1 EA																				
	28-5MA,ME	28B2650	1 EA																				
	PBY-5B	28B2650	1																				
	PBY-5A	28B2650	1 EA																				
	PBY-4	28B2650																					
	PBY-3	28B2650																					
	PBY-2	28B2650																					

O. H.	MODEL	NEXT ASSY.	REQ	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
							2882652-3		1								
							2882662-2		1								

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES	APPROVED	DATE
	RCW	1-31-38
REPLACED BY	CALC. WT.	ACT. WT.
1732	.83 JBJ	
LIMIT ON DECIMALS UNLESS	SCALE	
	12"=1'-0"	

[redacted]

A C					PF SMITH	BERGER	HINCKLEY	
NAVY NOTED	NOTED	SH27-1	C-P		3-8-37			
MATERIAL	SPEC.	HEAT TREAT	FINISH		DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT NO WHERE SHOWN

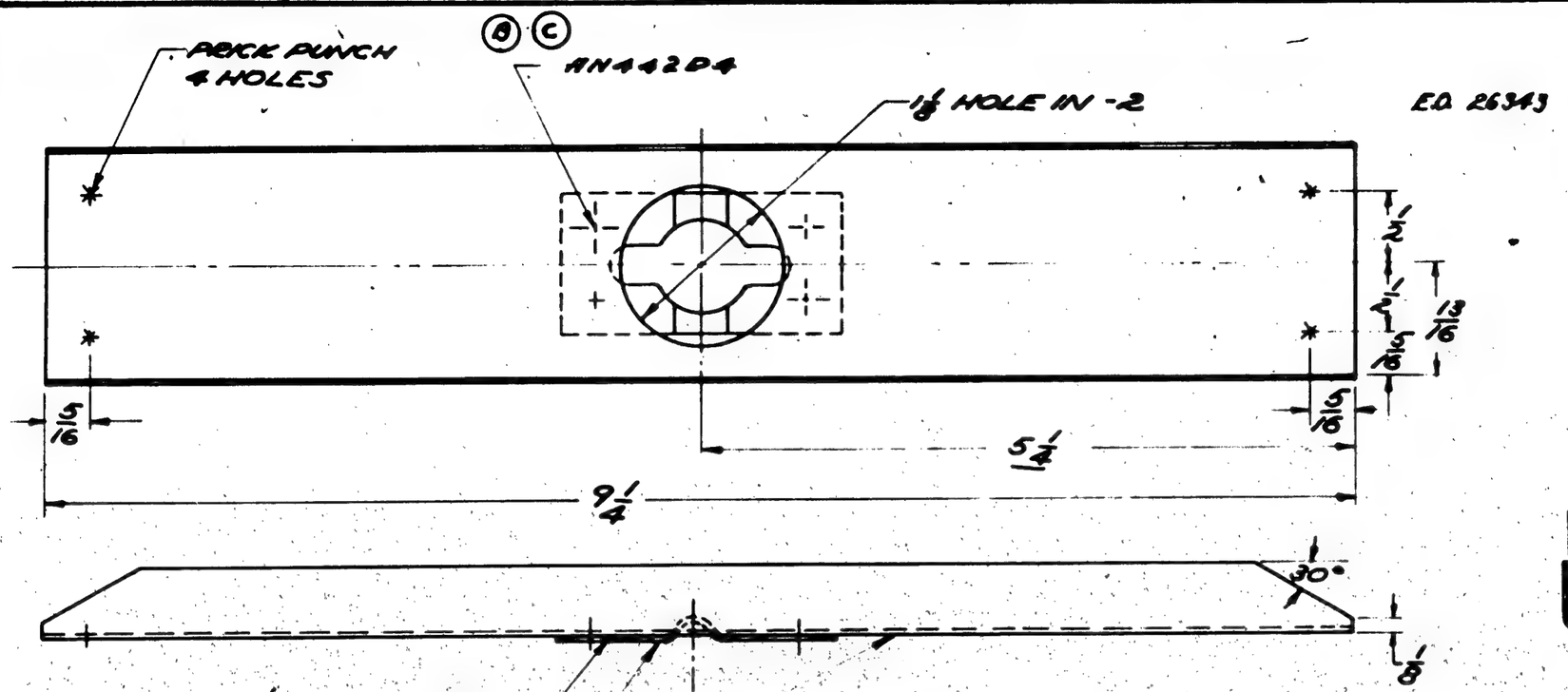
NAME COUPLING - HULL TUNNEL GUN DOOR

OPP. HAND

DWG. B SIZE 2882662

PRINTED ON "IMPERIAL" TRACING CLOTH K & E CO., N. Y.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-31-38	Jones
B	AN 442 D4 REMOVED	10-30-40	BARNES
	AN 526-832-8, AC 365-832		
	AND AN 960-8 ADDED		
C	REPLACED AN526-832-8 &	4/11/41	Hamilton
	AC365-832 & AN960-8 WITH		
	AN442D4		



LH REQ.	RH REQ.	O. H.	MODEL	NEXT ASSY.	REQ	ST'D PARTS	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
			PBY-5B	2882650	1		AN526-832-8	4									
			PBY-5A	2882650	1		AC365-832	4									
			PBY-5	2882650	1		AN960-8	4									
			PBY-4	2882650													
			PBY-3	2882650			2882663	1									
			PBY-2	2882650			2882666-2	1									

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES	APPROVED	DATE
	P.A.W.	1-31-38
REPLACED BY	CALC. WT.	ACT. WT.
1/32	.04 JBJ	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	SCALE	
	12" = 1'-0"	

[redacted]

A C					L.A.M.			
NAVY	NOTED	NOTED	NONE	NOTED	3-2-37	Berger	Hamilton	
MATERIAL		SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT NO WHERE SHOWN

NAME SUPPORT-HULL-TUNNEL GUN DOOR LATCH

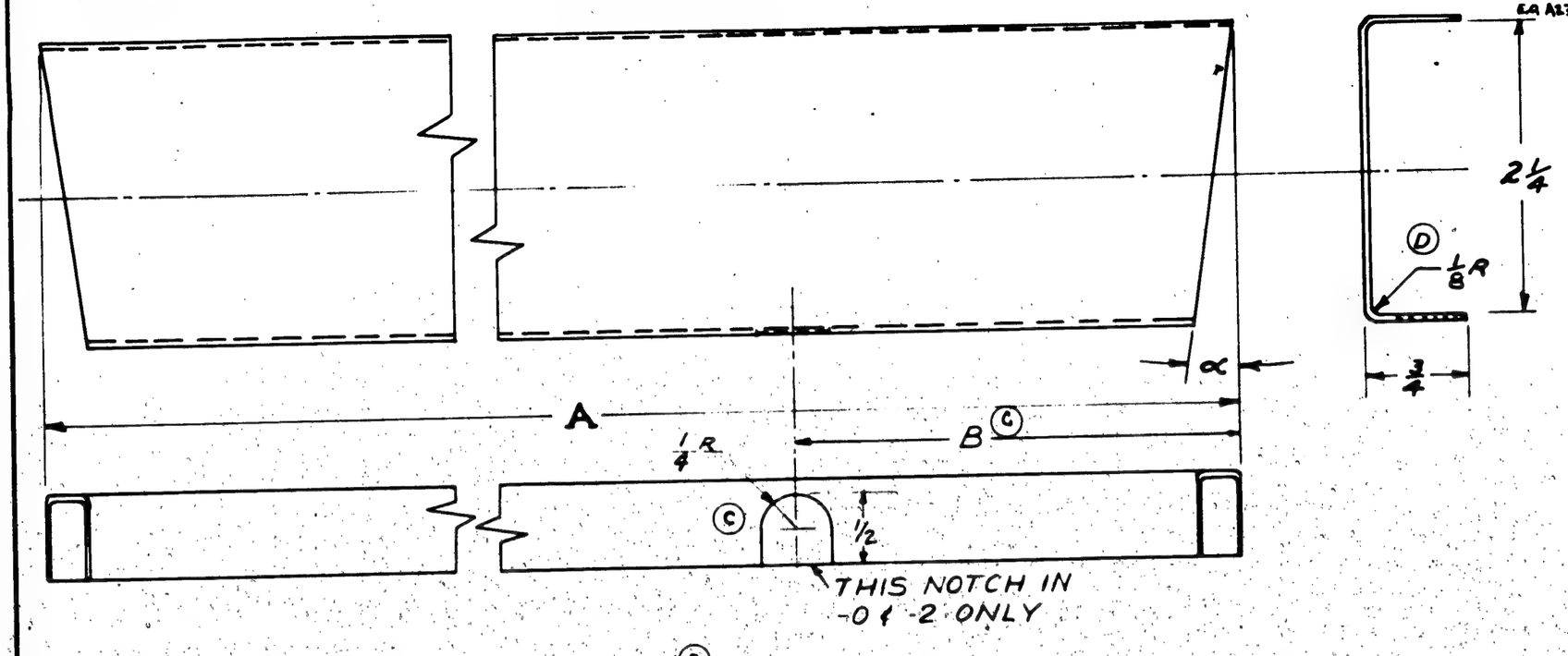
OPP. HAND

DWG. B SIZE 2882666

PRINTED ON "IMPERIAL" TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	2-1-38	[illegible]
C	ADDED: NOTCH TO 28B2668 -2; -4;		
	DIM. B. ADD .27" FOR -4	4-7-42	[illegible]
D	1/8R WAS 1/16R. NO WT. CHG.	4-7-42	[illegible]
E	-4 WAS -3 FOR PBY-5, PBY-5A		
	28-5MA, MC, ME, MN & AMC.		
	NO WT. CHG.	7-2-43	[illegible]

EA A13907



PART No	DIMENSION A	∝	DIM. B
28B2668	15 3/16	8°	6 31/32
28B2668 -2	19 3/8	8°	9 1/16
28B2668 -3	12 5/8	0°	–
28B2668 -4	17 3/8	0°	–

O.H.	MODEL	NEXT ASS'Y	REQ.
-4	28-5AMN	28B2650	1
-2	28-5AMN		1
-0	28-5AMN		1
-4	28-5AMC		1
-2	28-5AMC		1
-0	28-5AMC		1
-4	28-5MN		1
-2	28-5MN		1
-0	28-5MN		1
-4	28-5ME	28B2650	1

CONT'D

O.H.	MODEL	NEXT ASS'Y	REQ.
-2	28-5ME	28B2650	1
-0	28-5ME		1
-4	28-5MC		1
-2	28-5MC		1
-0	28-5MC		1
-2	28-5MA		1
-0	28-5MA	28B2650	1

CONT'D

O.H.	MODEL	NEXT ASSY.	REQ.
-4	PBY-5, 5A	28B2650	1 EA.
-4	PBY-5A		1
-2	PBY-5, 5A		1 EA.
-0	PBY-5A, 5A		1 EA.
-3	PBY-4	28B2650	
-2	PBY-4	28B2650	
	PBY-4	28B2650	
-3	PBY-3	28B2650	
-2	PBY-3	28B2650	
	PBY-3	28B2650	
-3	PBY-2	28B2650	
-2	PBY-2	28B2650	
	PBY-2	28B2650	

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 & 1/2°

APPROVED RCW 2-1-38 DATE

CALC. WT. ACT. WT.

SCALE 12" = 1'-0"

ST'D PARTS	LH RH REQ.	PART NO.	LH RH REQ.	LH RH REQ.	LH RH REQ.	LH RH REQ.	LH RH REQ.

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC

NAVY AL ALLOY SHT 040 (24ST) MATERIAL

47A10 COMP'T SPEC. | NONE HEAT TREAT | Z-P FINISH

DRAFT	CHECK	EXAM.	ENG.
3-18-37			

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

NAME STIFFENER-HULL-TUNNEL GUN DOOR-REAR LOCKING SHAFT

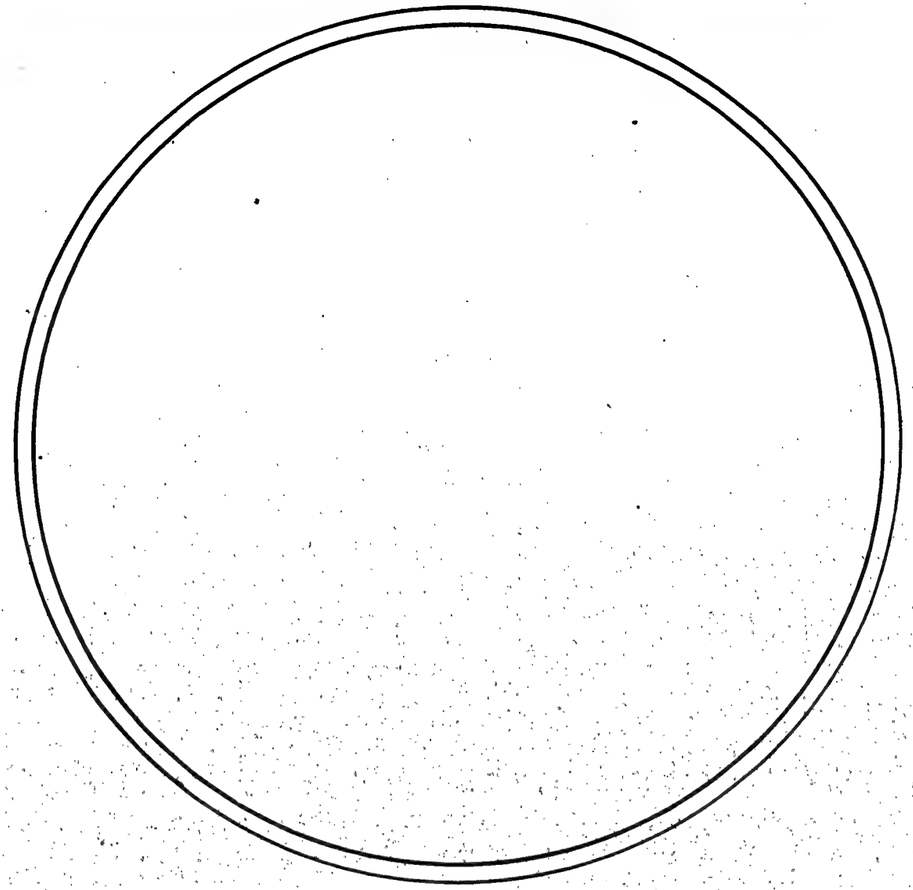
OPP. HAND

DWG B SIZE 28B2668...

FINISH CODE	
Z	[illegible]
P	[illegible]
AP	[illegible]
C	[illegible]

28B2668

PRINTED ON "REPRONA" TRACING CLOTH



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED.	2-1-38	GARBER
B	CHG'D. MAT'L FROM "FABRIC COVERED SPONGE RUBBER" TO "HYCAR SPONGE - FABRIC COVERED", WT. CHG. NEG.	5-26-43	CLARK
C	ADDED TO FACE OF DWG. NOTE # 2	3-9-43	KNIGHT
D	CHG'D. MAT'L. 9/16 x 9/16 WAS 1/2 x 1/2 & LENGTH 113" WAS 109 1/4". WT. CHG. NEG.	4-1-43	HUTCHINSON
E	ON FACE, REPLACED MAT. "HYCAR SPONGE - FABRIC COVERED" WITH "SYNTHETIC --- CALIF." NO WT. CHG.	7-6-43	KNIGHT

NOTE:

(B)(D) 1. MATERIAL: 9/16 x 9/16. LENGTH 113". SYNTHETIC SPONGE OR EQUIV., FABRIC COVERED. MAY BE PURCHASED FROM KIRKHILL RUBBER CO, LOS ANGELES, CALIF. SPLICED WHERE NECESSARY.

(C) 2. DENSITY OF SPONGE TO BE 30 CU. IN./LB. APPROXIMATELY

O.H.	MODEL	NEXT ASSY.	REQ.
	28-5AMN	28B2650	1
	PBY-5B	28B2650	1
	28-5AMC	28B2650	1
	28-5MN	28B2650	1
	28-5ME	28B2650	1
	28-5MC	28B2650	1
	28-5MA	28B2650	1
	PBY-5A	28B2650	1
	PBY-5	28B2650	1
	PBY-4	28B2650	
	PBY-3	28B2650	
	PBY-2	28B2650	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.

MAT. — PARTS LIST PER ASSY.

REPLACES —

REPLACED BY —

LIGHT ON DIMENSIONS UNLESS + OTHERWISE SPECIFIED —

ZBW 2-1-38
APPROVED DATE

.54
CALC. WT. ACT. WT.

2" = 1'-0"
SCALE

A C

NAVY NOTED
MATERIAL

COMM.
SPEC.

NONE
HEAT TREAT

NONE
FINISH

P.F. SMITH 3-12-37 B.O.I. WINKLER
DRAFT CHECK EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT NO WHERE SHOWN

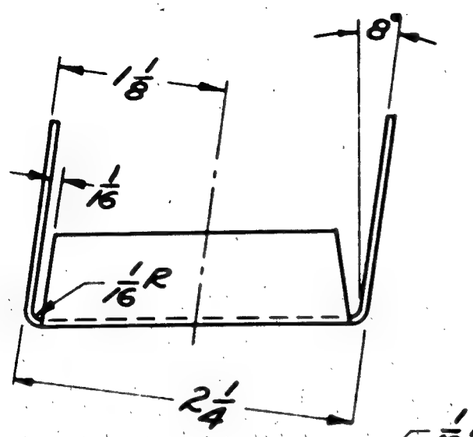
NAME
GASKET - HULL - TUNNEL GUN DOOR

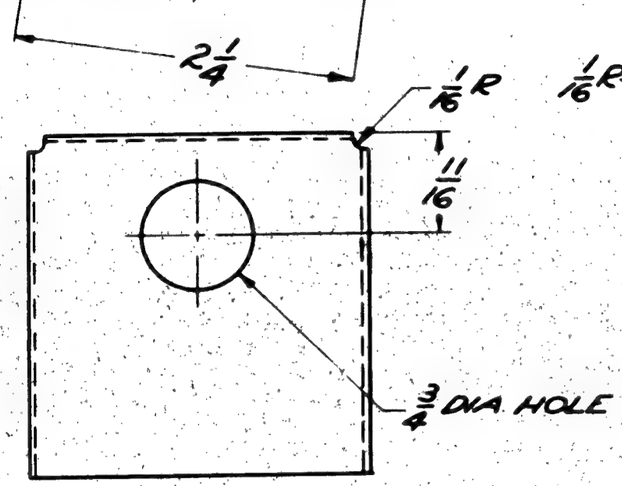
OPP. HAND

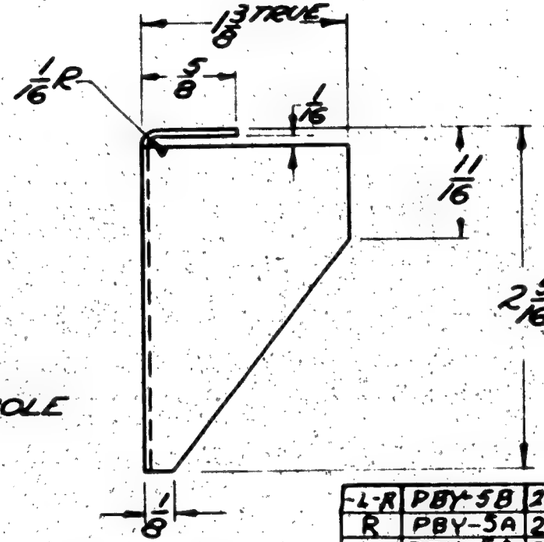
DWG. B SIZE 28B2669

PRINTED ON "SPECIAL" TRACING CLOTH
K & E CO., N. Y.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-31-38	Jones







-L-R			
R	PBY-5B	28B2650	2 RH
L	PBY-5A	28B2650	2
-1	PBY-4	28B2660	
	PBY-4		
-1	PBY-3		
	PBY-3		
-1	PBY-2		
	PBY-2	28B2650	

O. H.	MODEL	NEXT ASSY.	REQ	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.												

REPLACES

REPLACED BY 1/32

LIMIT ON DIMENSIONS UNLESS [redacted]

APPROVED [redacted] 1-31-38 DATE

.05 CALC. WT. ACT. WT.

12"=1'-0"

A C

NAVY AL. ALLOY SHT. .040 (24ST) MATERIAL

47A19 COND T SPEC.

NONE HEAT TREAT

Z-P FINISH

PP SPMT11 3-19-57 Berger DRAFT CHECK EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. NO. WHERE SHOWN

NAME BRACKET-HULL-TUNNEL GUN DOOR-STIFFNER

OPP. HAND 28B2671-1

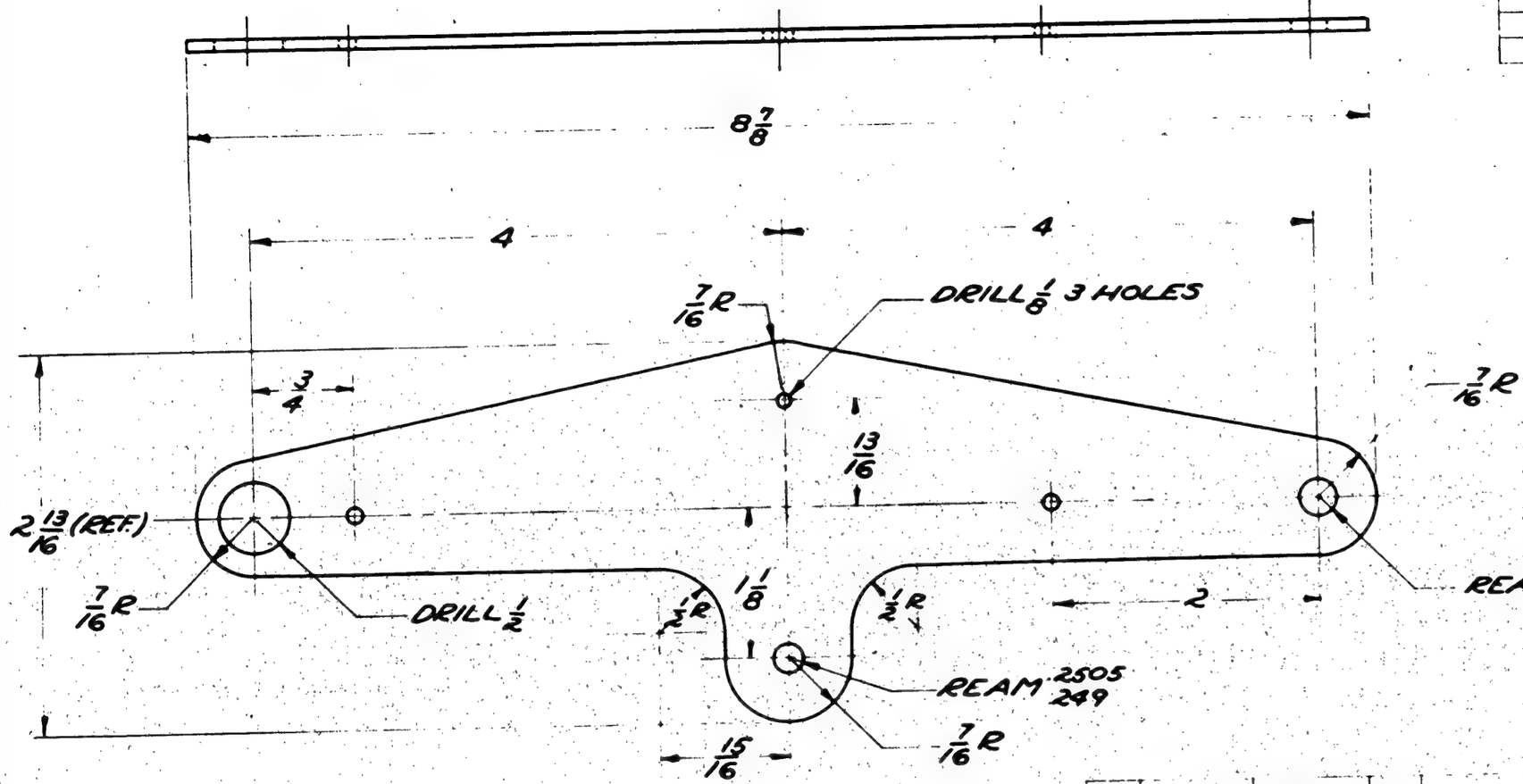
DWG. B SIZE 28B2671

FINISH

Z	[redacted]
P	P-21 [redacted]
AD	A-M[redacted]
C	[redacted]

PRINTED ON [redacted]

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	1-31-38	



FINISH CODE	
Z	[illegible]
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PBY-5B	28B2650	4														
	PBY-5A	2882650	4														
	PBY-4	2882650															
	PBY-3	2882650															
	PBY-2	2882650															

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

2881676	XLW 1-31-38		
REPLACES	APPROVED	DATE	
REPLACED BY 1/32	CALC. WT. 11 LBS	ACT. WT.	
LIGHT ON SHADOWBOARD UNLESS [illegible]	SCALE 12" = 1'-0"		

A C				V. I. B.			
NAVY AL. 09 ALLOY	47A10 CONO T.	NONE	Z-P	2-10-38	Berger	Hussey	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

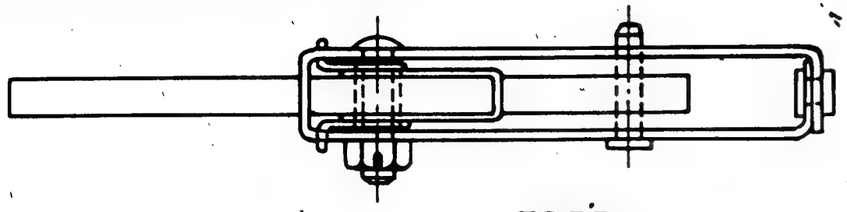
NAME HINGE-HULL-TUNNEL GUN DOOR FEMALE

OPP. HAND

DWG. B SIZE 2882676

PRINTED ON "IMPERIAL" TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	1-31-38	[illegible]
D	E.O. 12401 2884267 REPLACES 2882909 FOR PBY-5 PBY-5A'S INCORP. E.O. 12401 FOR PBY-5A)		
E	ADDED -55 ASSEM. FOR PBY-5	11-18-38	HARTTER
F	E.O. 21889A ADDED Q111 & ATTACHING PARTS TO -55 ASSY.	11-11-40	[illegible] ALEXANDER



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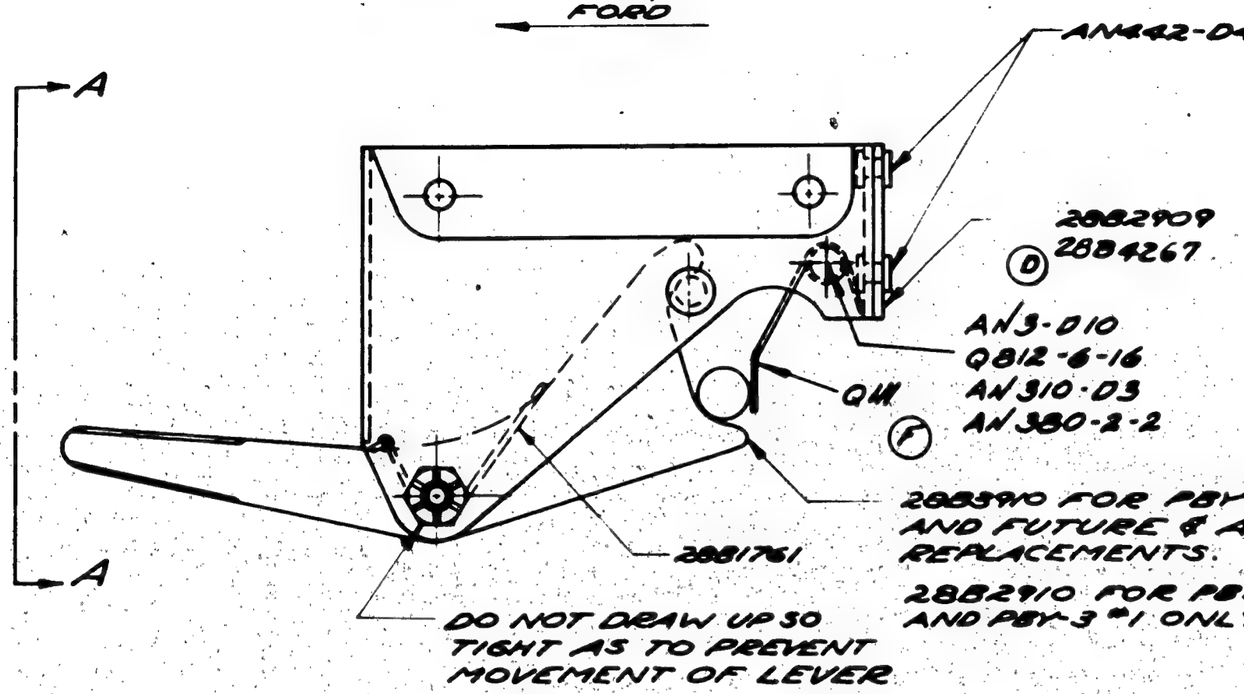
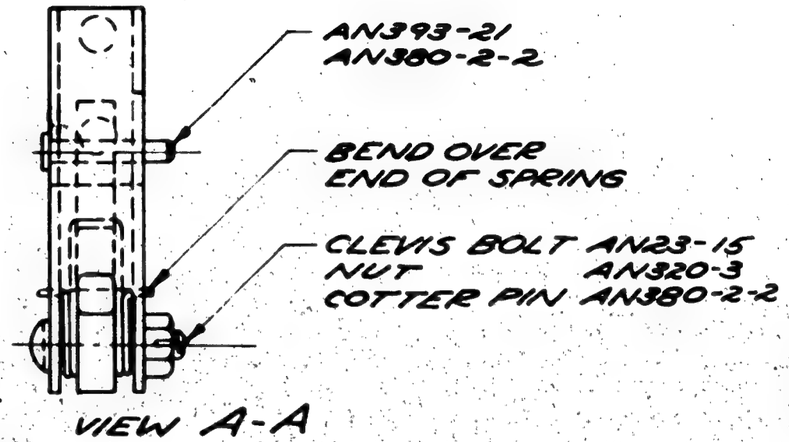




VIEW A-A

C.P. GREEN PRIME

FINISH CODE	
A	ANOD. C. TREATMENT
P	P 27 PRIMER
Z	ZINC CHROMATE PRIMER
ADMIRAL PAINT	

REF NOTE
USE Q111 AS REPLACEMENT FOR Q303 (SEE 2882650)

F	AN3-010			1		
	AN310-03			1		
	AN380-2-2			1		
D	2884267			1		
	AN442-04					
	AN23-15	1		1		
	AN320-3	1		1		
	AN393-21	1		1		
	AN380-2-2	2		2		
	2881761	1		1		
	2883910	1		1		
	2882909	1				

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-55	PBY-5B	2882650	1														
-55	PBY-5A	2882650	1														
-55	PBY-5	2882650	1	QB12-6-16	1												
-55	X PBY-5A	2882650															
	PBY-4	2882650															
	PBY-3	2882650															
	PBY-2	2882650															

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY. -55

REPLACES	APPROVED	DATE
	R.A.W.	1-31-38
REPLACED BY	CALC. WT.	ACT. WT.
1/32	.18	.18
LIMIT ON DIMENSIONS UNLESS + OTHERWISE SPECIFIED —	SCALE	
	12" = 1'-0"	

[redacted]

A C							
NAVY	NOTED	NOTED	NOTED	G.P.	SMITH		
MATERIAL		SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
					3-15-37	Berger	Hanson	R

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME
CATCH - HULL TUNNEL GUN DOOR

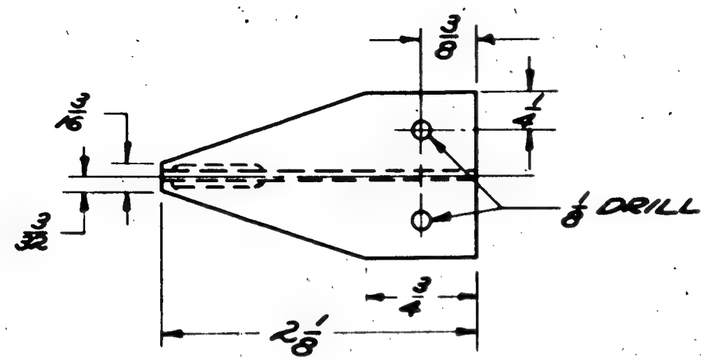
OPP. HAND

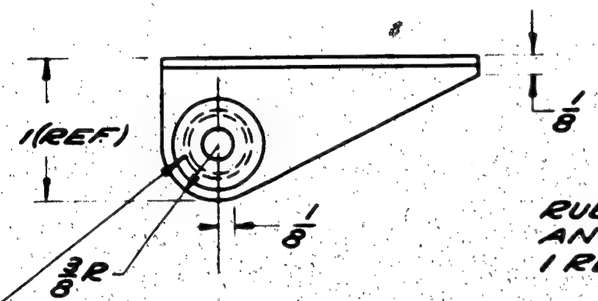
DWG. SIZE B

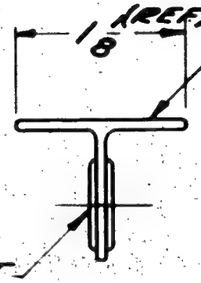
2882908

PRINTED ON IMPERIAL TRACING CLOTH
E.K.C.O., N.Y.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-1-38	[illegible]







(2) ALCOA DIE #1908
AL. ALLOY EXTRUSION (24ST)
SPEC. 46A9 COND. T
FINISH Z-P

RUBBER GROMMET
AN931-4-7
1 REQ

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS
	28-5MN	28B2016	1	
	28-5AMC, AMN	28B2019	1	
	OA-10	28B2019	1	
	PBY-5A	28B2019	1	
	28-5 MA MB MC MN	28B2019	1	
	PBY-5B	28B2019	1	
	PBY-5	28B2019	1	
	PBY-4	28B2019		
	PBY-4	28B2018		
	PBY-4	28B2017		
	PBY-3	28B2019		
	PBY-3	28B2018		
	PBY-3	28B2017		
	PBY-2	28B2017		
	PBY-2	28B2018		
	PBY-2	28B2017		
	28BAT, AMN	28B2018	1	
	PBY-5A	28B2017	1	
	OA-10	28B2018	1	
	28-5 MA MN MC MB	28B2018	1	
	PBY-5B	28B2018	1	
	PBY-5	28B2018	1	
	28-5AMC, AMN	28B2017-50	1	
	PBY-5A	28B2018-50	1	
	OA-10	28B2017-50	1	
	28-5 MA MB MC MN	28B2017-0	1	
	PBY-5B	28B2017-0	1	
	PBY-5	28B2017-0	1	

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
							AN931-4-7	1									
							-2		1								

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CHROMIUM PLATE

REPLACES	APPROVED	DATE
	[redacted]	2-1-38
REPLACED BY	CALC. WT. .080 lbs	ACT. WT.
1/32	SCALE 12"=1'-0"	
LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED		

REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.
A C		
NAVY NOTED	NOTED	NONE
MATERIAL	SPEC.	HEAT TREAT
	NOTED	
	FINISH	

RTD Berger
2-1-38 H.W.H.
DRAFT CHECK EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME BRACKET - HULL WATERTIGHT DOOR-HOOK

OPP. HAND

DWG. SIZE B

2882973

PRINTED ON "IMPERIAL" TRACING CLOTH
K & E CO., N. Y.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	THIS DRAWING REPLACES C.O. 4505	4-20-37	V.I.B.
B	SKIRT WAS SHOWN AS 2 HALVES	8-28-40	HELVIK
C	ADDED -6-7 & RIVETS TO BM. ADDED DETAIL OF SPLICE & PARTS -6 & -7 TO FACE OF DWG. CHGD. DWG. AS PRIOR TO "B" CHG.	7-24-41	BEACH

CO. BOMB

(-7) ALCLAD SHT. 24ST .051 x 1 1/8 x 3 1/8

18 R.

A

A

(-6) .064 ALCLAD SHT. 2430 22 7/8 x 45 1/4

AN442-04

AN425-04 RIVETS 6 REQ. AT EA. SPLICE WITH CSK. ON LOWER SURFACE OF -6

B B

1/2 1/2 5/8 1/2 1/2 3

DETAIL OF SPLICE
SCALE 6" = 1'

(-7) (REF.)

(-6) (REF.)

SEC. B-B
©

SCALE 3" = 1 FT.

$3\frac{11}{16}$

$\frac{7}{32}$

$\frac{3}{16}$ R.

$\frac{7}{8}$

$3\frac{1}{4}$

SECTION A-A
SCALE 12" = 1 FT

G.P. GREEN PRIME

FINISH CODE	
Z	ALODINE TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

LH REQ.	RH REQ.	PART NO.	LH	RH
		PBY-5B 28B1307 2		
		PBY-5A/5A1 28B1307 2		
		PBY-4 28B1307 AN442-04	-7	4
		PBY-3 28B1307 AN425-04	28B3002-6	2

REPLACES C.O. 4505 OF 3-26-37

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −

[redacted]

APPROVED VCW 4-20-37 DATE

CALC. WT. ACT. WT.

SCALE NOTED

AC

NAVY .064 AL ALLOY SHEET (2430)

MATERIAL

O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS

REQUIREMENTS PER AIRPLANE

MAT. | PARTS LIST PER ASSY.

4 STATE COMP A. | SR-53 | Z-P-AP-C G.P.

SPEC. | HEAT TREAT | FINISH

V.I.B 4-20-37

DRAFT | CHECK | EXAM. | ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

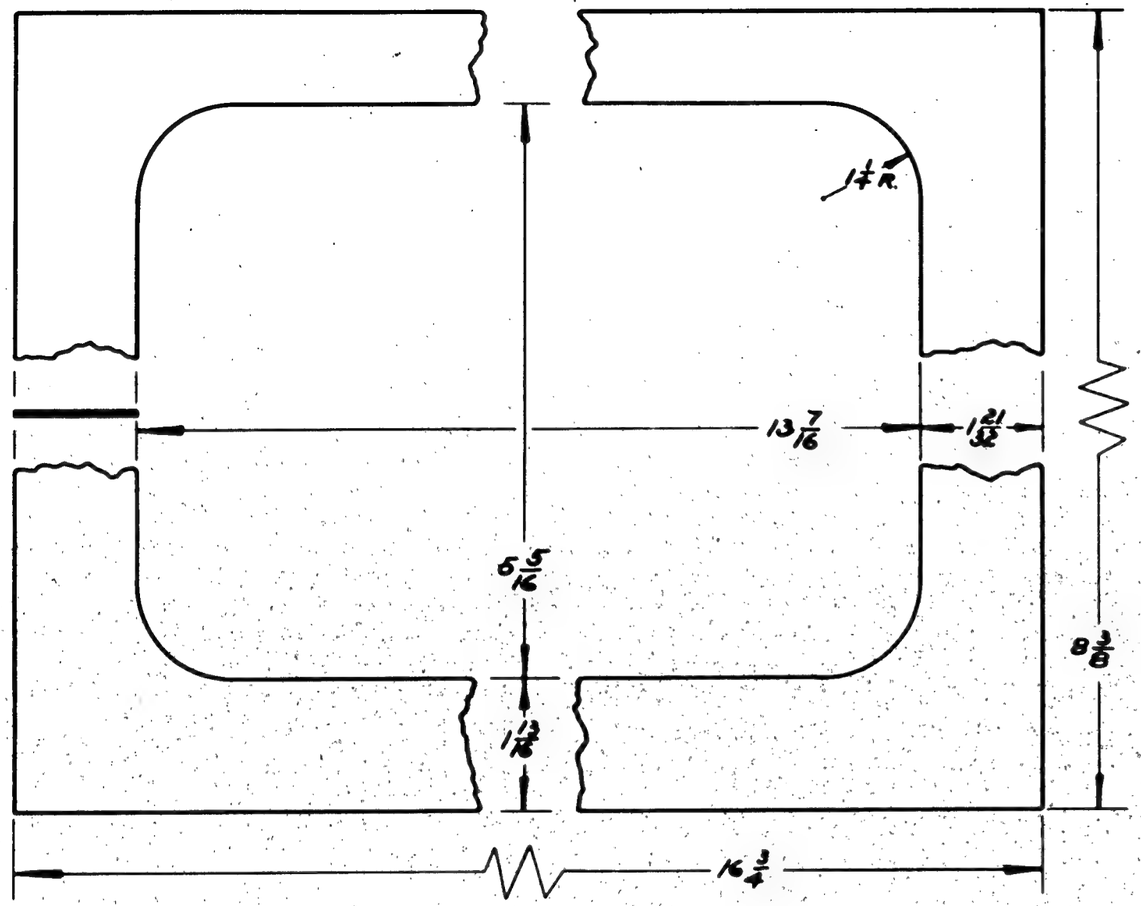
NAME SKIRT - HULL REVOLVING CIRCULAR WINDSHIELD

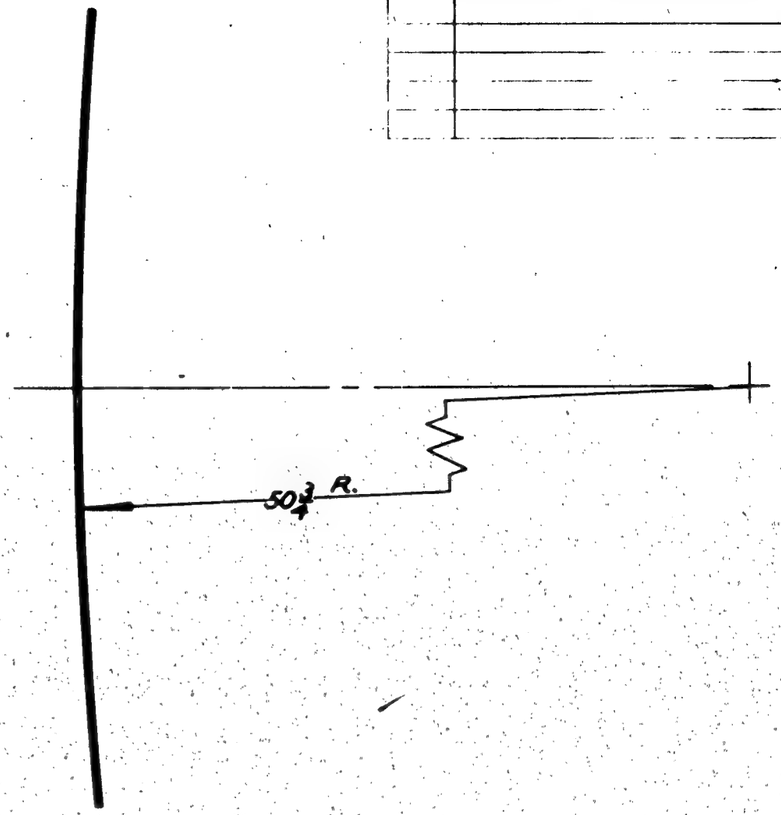
OPP. HAND

DWG. B SIZE 28B3002

SULLIVAN-GRIESSER CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	3-16-38	Stacy





G.P. GREEN PRIME

FINISH CODE	
Z	ANODIC TREATMENT
I	P.C. PRIMER
A	A.U. 13Z PRIMER
C	CADMIUM PLATE

28B1909
REPLACES

REPLACED BY

± 1/32
LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

RCW 3-16-38
APPROVED DATE

.36 LBS.
CALC. WT. ACT. WT.

6"=1'-0"
SCALE

O. H.	MODEL	NEXT ASSY.	REQ	ST'D PARTS	LH REQ	RH REQ	PART NO	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
	PBY-5B	28B3021	1												
	PBY-5A	28B3021	1												
	PBY-4	28B3021													
	PBY-3	28B3021													

REQUIREMENTS PER AIRPLANE | MAT | PARTS LIST PER ASSY.

A C

62-37

NAVY .051 AL. ALLOY SHEET 24ST	24ST A.I.O. COND "T"	NONE	Z-P-1 & 6 P	Mount	Marriott R.
MATERIAL	SPEC	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME REINFORCEMENT-HULL TUNNEL GUNNER'S FIXED PORT

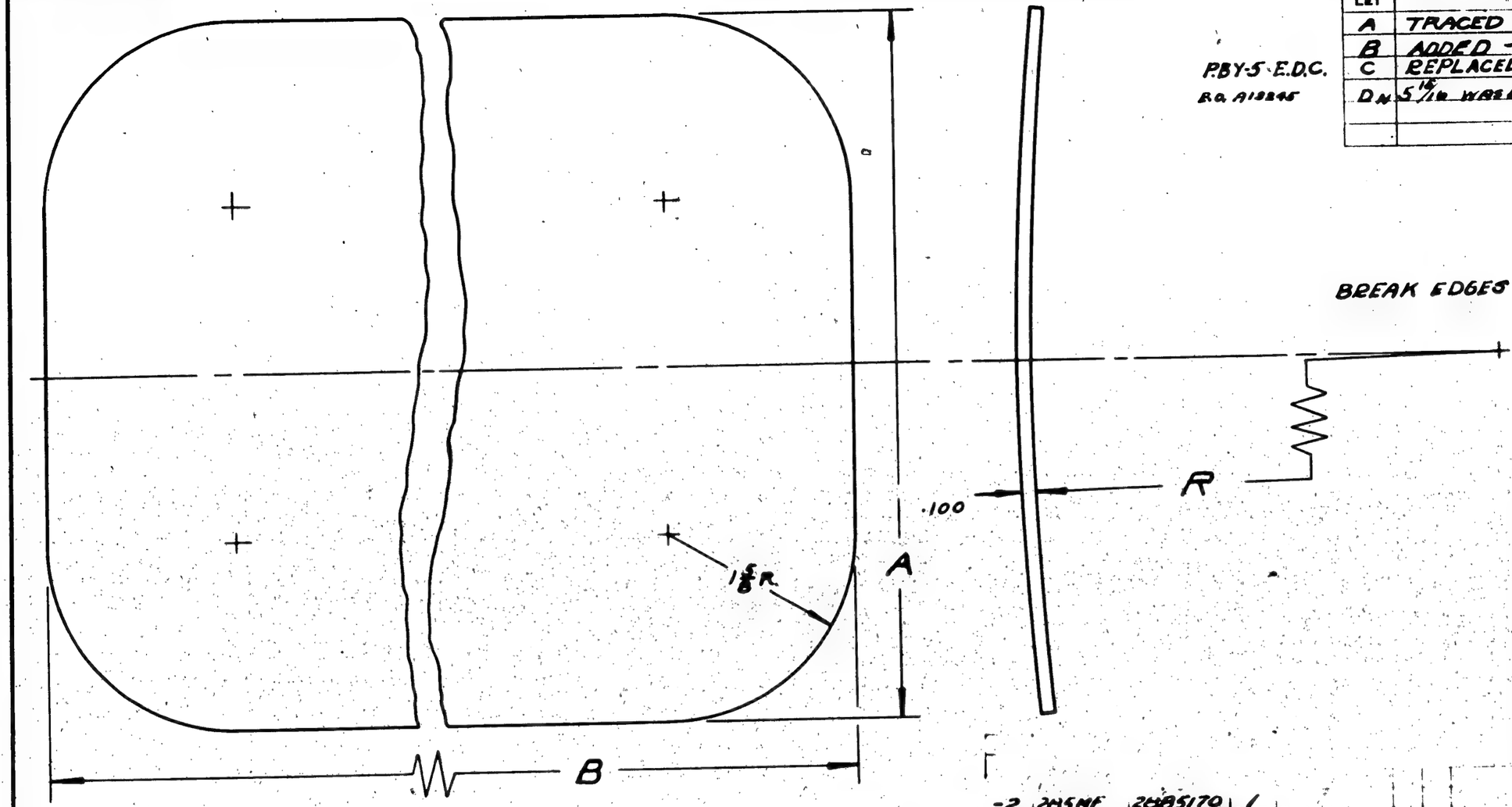
OPP. HAND

DWG B SIZE 28B3022

PRINTED ON IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	3-16-38	STACY
B	ADDED -2 & REQ'TS	3-28-41	[illegible]
C	REPLACED DIM. 1/8 with .095 & .100	8-7-41	WHITE
D	5 15/16 WAS 6 1/16 ; 14 1/16 WAS 14 9/16	9-4-41	[illegible]

P.B.Y-5 E.D.C.
R.O. A19245



ASSY DASH NO	A	B	R
-0	5 15/16	14 1/16	50 9/16
-2	6	6	0

-0	PBY-5B	28B5161	1
-0	2B-5NA, NO, NE	28B5161	1
-0	2B-5ANC	28B5633	1
-0	2B-5MN,	28B3427	1
-0	PBY-5, 5A	28B3427	1 EA
-0	PBY-5A, 5B	28B3170	2 EA
-0	2B-5NA, NO, NE	28B3170	2
-0	PBY-5; 2B-5MN	28B3170	3
-0	PBY-5, 5A, 5B	28B3021	1 EA
-0	2B-5NA; NO,	28B3021	1
-0	NE, MN, ANC	28B3021	1
ASSY	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

-2	2B5NF	28B5170	1																		
-0	B24A	32B9292	1																		
-0	B24A	32B9298	1																		
-0	PBY-4	28B3021																			
-0	PBY-3	28B3021																			
O. H.	MODEL	NEXT ASSY.	REQ	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.				

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

A C				6-2-37			
NAVY .100 PLEXIGLAS	COMM.	NONE	NONE	WHEAT		[illegible]	R.
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME GLASS — HULL — TUNNEL GUNNER'S FIXED PORT

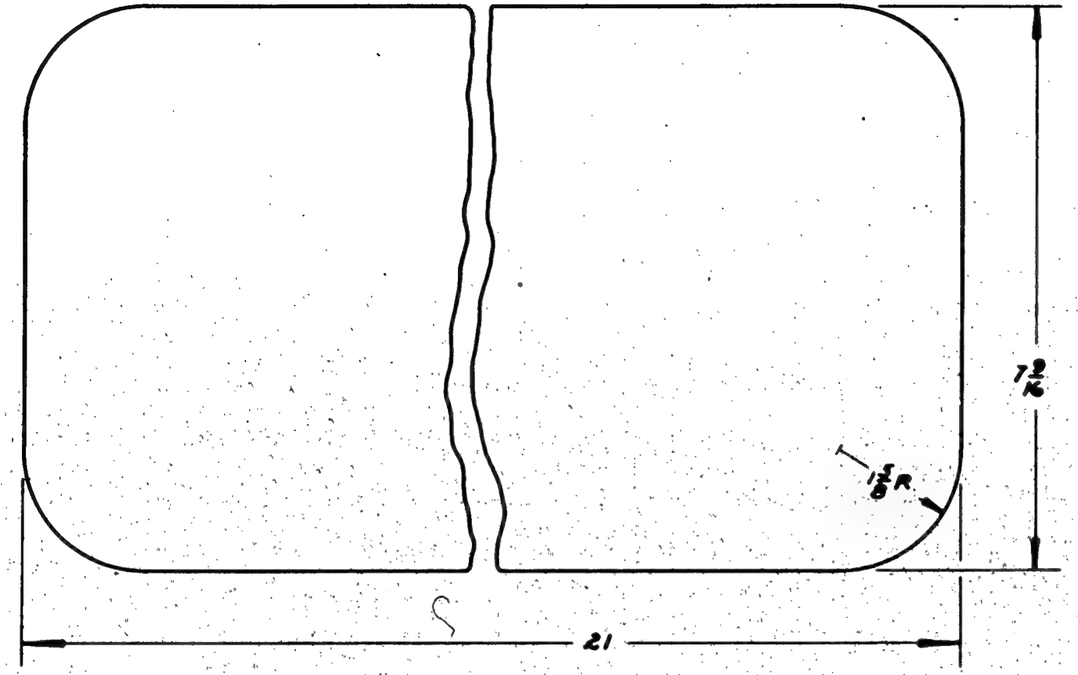
OPP. HAND

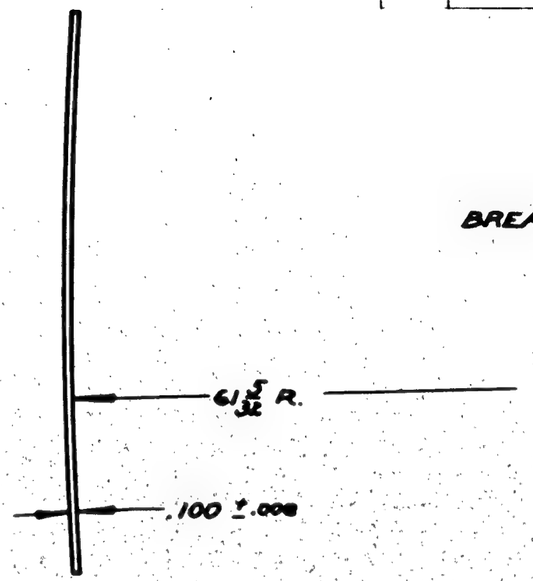
DWG. B SIZE 28B3024

28B1928	RCW	3-16-38		
REPLACES	APPROVED	DATE		
	AJ WBJ			
REPLACED BY	CALC. WT.	ACT. WT.		
LIMIT ON DIMENSIONS WHERE + OR — OTHERWISE SPECIFIED	12" = 1'-0" SCALE			

PRINTED ON "REPRODA" TRACING CLOTH
U.S.A.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	3-16-38	STACY





BREAK EDGES.

REQUIREMENTS PER AIRPLANE						MAT	PARTS LIST PER ASSY.													
O. H.	MODEL	NEXT ASSY.	REQ	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.			
	PBY-5B	28B3317	4																	
	PBY-5A	28B3317	4																	
	PBY-4	28B3317-1																		
	PBY-4	28B3317																		
	PBY-3	28B3317-1																		
	PBY-3	28B3317																		

28B3317-A2 REPLACES

REPLACED BY

± 1/32 LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

RCW APPROVED 3-16-38 DATE

.95 LBS. CALC WT. ACT WT.

6"=1'-0" SCALE

[redacted]

A C

NAVY PLEXIGLASS MATERIAL

COMM. SPEC.

NONE HEAT TREAT

NONE FINISH

6-N-37 DRAFT

HEAT CHECK

EXAM.

Norman R. ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF. STAMP PT. NO. WHERE SHOWN

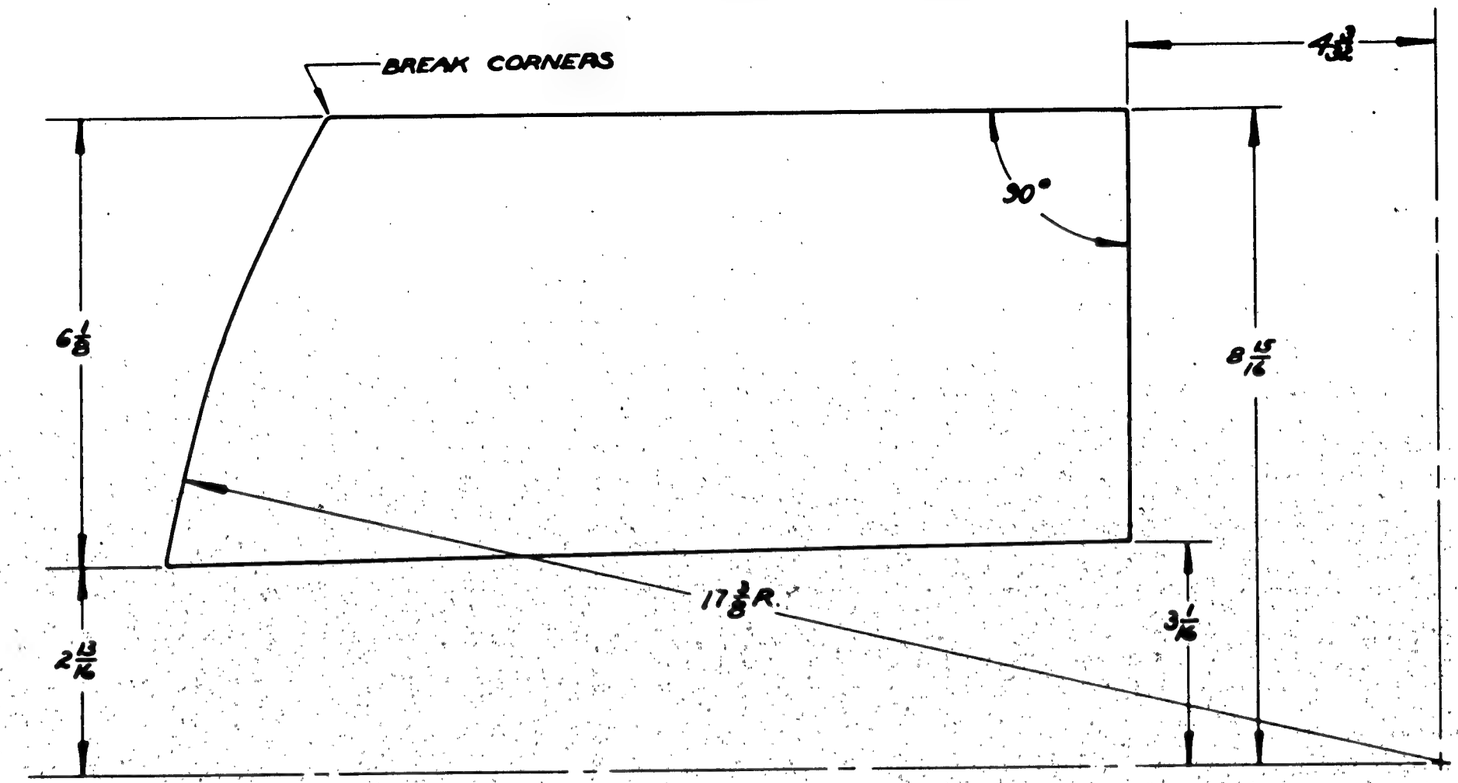
NAME GLASS ~ HULL FIXED PORT ~ DECK

OPP. HAND

DWG B SIZE 28B3025

PRINTED ON IMPERIAL "I" TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	3-16-38	STACY



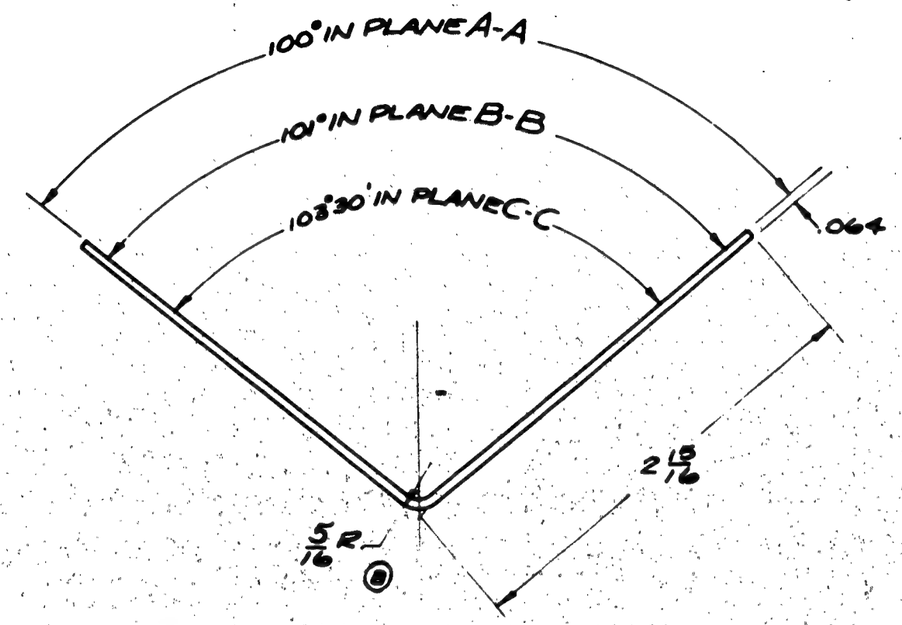
NOTE: —
MAT'L.: PLEXIGLASS, 5/32 TH.
CUT AS SHOWN.

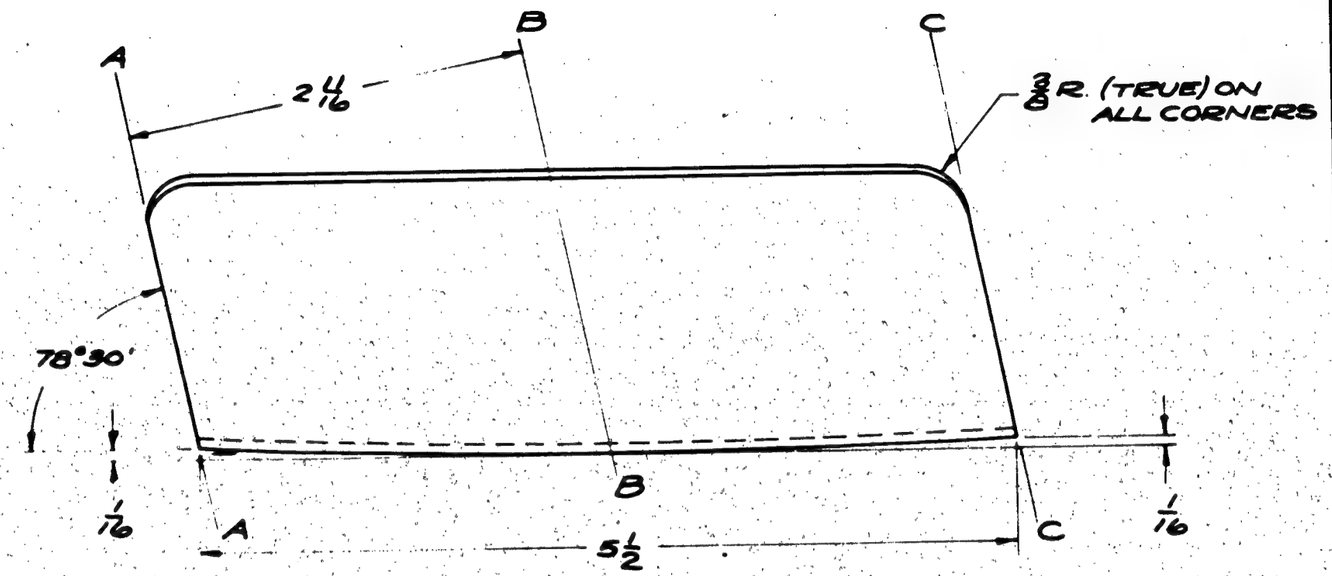
REPLACES	LCW 3-16-38 APPROVED	DATE	PBY-6B	28B1307	2																		
	.53 J.B.J.		PBY-5A	28B1307	2																		
REPLACED BY	CALC WT.	ACT.WT.	O.H.	PBY-4	28B1307																		
±1/32 — LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED	6"=1'-0" SCALE			PBY-3	28B1307																		
				MODEL	NEXT ASSY.	REQ	ST'D PARTS	LH	RH	PART NO.	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH
								REQ.			REQ.		REQ.		REQ.		REQ.		REQ.				
				REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.																
																						4-22-37	6-23-37	
																						SCANTLING LINERS	M.W.H.	R.
																						DRAFT	CHECK	EXAM.	ENG.
A C																						OPP. HAND			
NAVY NOTED	COMM.		NONE		NONE																	DWG B SIZE	28B3033		
MATERIAL	SPEC.		HEAT TREAT		FINISH																				

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

NAME PANEL — REVOLVING CIR. WINDSHIELD TOP

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A.	TRACED	10-6-37	Winsor
B	5/16 R WAS 3/16	7-9-40	Ballin





FINISH:
ANODIZE, 3P27 PRIMER

NOTE:-
ABOVE DIMENSIONS ARE FOR REFERENCE.
THIS SHIM MUST FIT SNUGLY BETWEEN FITTING 28B3127 AND HULL.

O.H.	MODEL	NEXT ASSY.	REQ
	PBY-5&5B	28B3126	
	PBY-5A	28B5540	1
	XPB2Y-1	29B116	
	PBY-4	28B3126	
	PBY-3	28B3126	
	PBY-2	28B3126	
	PBY-1	28B3126	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
MAT.	PARTS LIST PER ASSY.												

REPLACES

REPLACED BY 1/32

LIMIT ON DIMENSIONS UNLESS OTHERWISE STATED

APPROVED C.A.V. 10-6-37 DATE

CALC. WT. .18 ACT. WT.

SCALE 12"=1'-0"

A C

NAVY 25 ALUM. MATERIAL

4742 H.H. SPEC.

NONE HEAT TREAT

Z-3P FINISH

9/24/37 Haley DRAFT

MOHR 10-6-37 CHECK

MOFFATT EXAM.

ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. NO. WHERE SHOWN

NAME SHIM - HULL MOORING & TOWING FITTING

OPP. HAND

DWG. B SIZE

28B3132

PRINTED ON "IMPERIAL" TRACING CLOTH
K & E CO., N. Y.

NOTE:

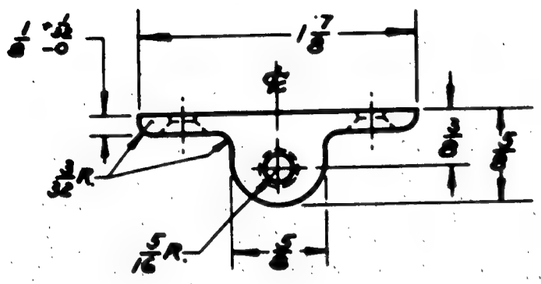
Ⓓ MATERIAL MAY BE:

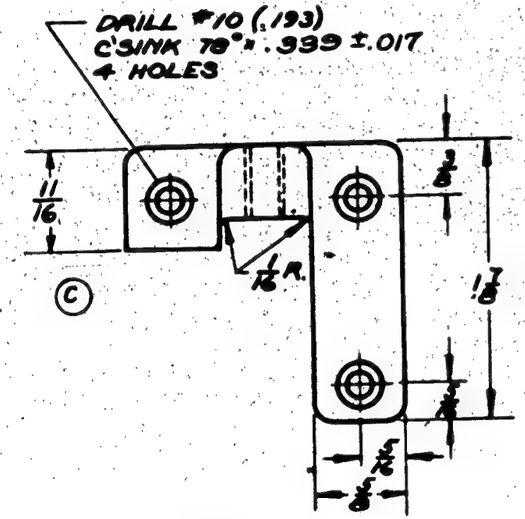
(A) AL. ALLOY CASTING, 220T4, SPEC. AN-QQ-A-392, T.S. 42,000 P.S.I., OR

(B) AL. ALLOY CASTING, 195T6, SPEC. AN-QQA-390, CL. II, T.S. 32,000 P.S.I.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	3-18-38	Stacy
C	ON FACE OF DWG. -4 4/R WAS -4; ON-4 4/R		
	CUT OFF AFT LEG 11/16 FROM TOR	1-12-42	KOEKKOET
D	REMOVED FROM B/M "AL. ALLOY CASTINGS,		
	SPEC. "M-186", H.T. "42,000 #/□ T.S.", &		
	REPLACED BY "NOTED." ADDED MATER-		
	IAL NOTE. NO WT. CHG.	9-23-43	LARSEN

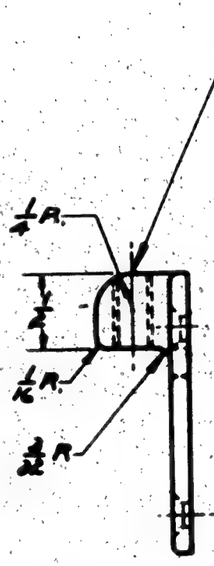
E.O. A15835



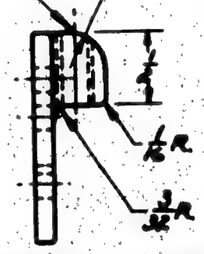


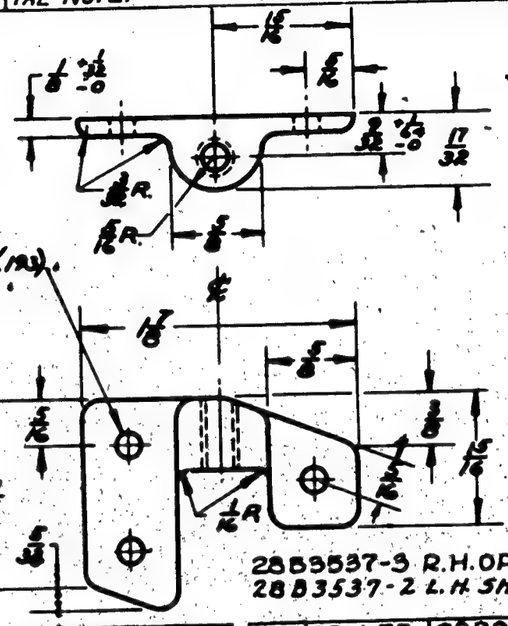
28B3537-4 4/R

Ⓒ



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE
GP	GREEN PRIME





28B3537-3 R.H. OPPOSITE
28B3537-2 L.H. SHOWN

-4 UR	28-5MC	28B2650	2 EA
-2,-3	28-5MC	28B2650	1 EA
-4 UR	28-5MA	28B2650	2 EA
-2,-3	28-5MA	28B2650	1 EA
-4 UR	PBY-5	28B2650	2 EA
-2,-3	PBY-5	28B2650	1 EA
-4	PBY-4	28B2650	
-3	PBY-4	28B2650	
-2	PBY-4	28B2650	
-4	PBY-3	28B2650	
-3	PBY-3	28B2650	
-2	PBY-3	28B2650	

-4 UR	PBY-5A	28B2650	2 EA.
-2,-3	PBY-5A	28B2650	1 EA.
-4 UR	28-5MN	28B2650	2 EA
-2,-3	28-5MN	28B2650	1 EA
-4 UR	28-5ME	28B2650	2 EA
-2,-3	28-5ME	28B2650	1 EA

-4 UR	PBY-5B	28B2650	2 EA
-2,-3	PBY-5B	28B2650	1 EA
-4 UR	28-5AMN	28B2650	2 EA
-2,-3	28-5AMN	28B2650	1 EA.
-4 UR	28-5AMC	28B2650	2 EA
-2,-3	28-5AMC	28B2650	1 EA

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.										

A C				
NAVY NOTED	NOTED	NOTED	Z-P-2GP	
MATERIAL	SPEC.	HEAT TREAT	FINISH	

	DRAFT	CHECK	EXAM.	ENG.
ORIGINAL	L.O.C.			R.
	8-23-37	8-24-37		

28B3537 ON PBY-3 AS 2 (1944) ON. REPLACES

REPLACED BY

LIMIT ON MACHINING UNLESS OTHERWISE NOTED ± 1/32

LCW APPROVED 3-18-38 DATE

.04 12.1 CALC. WT. ACT. WT.

12"=1'-0" SCALE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

NAME BLOCK-HULL-: TUNNEL GUN DOOR-LOCK

OPP. HAND

DWG. B SIZE 28B3537

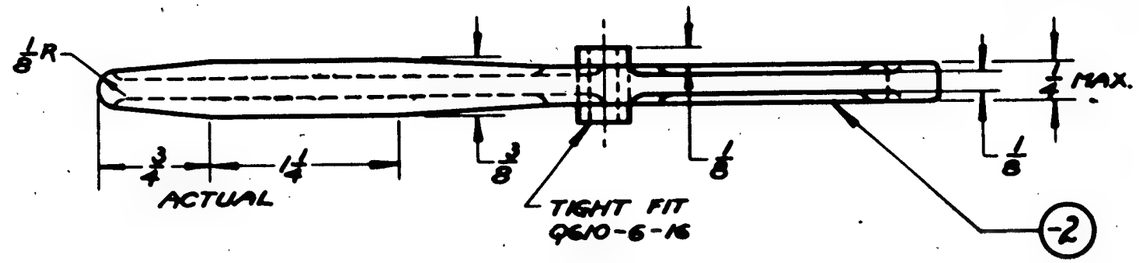
28B3537

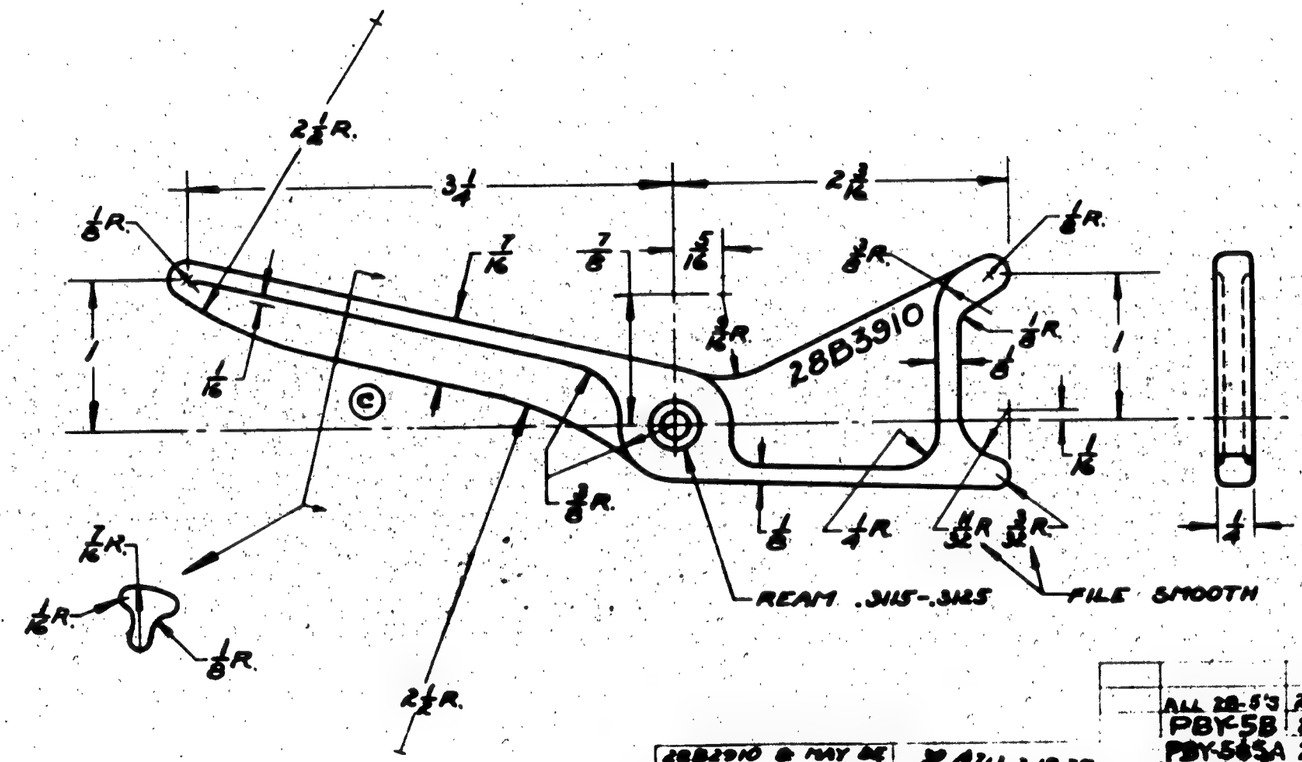
R

NOTE-
ALL RADII 1/8 EXCEPT AS NOTED.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	3-18-38	Stacy
C	REMOVED "PULL DOWN" FROM HANDLE OF CATCH	9-13-40	[redacted]
D	IN B/M, REPLACED, "AL. ALLOY CASTING 195T4, 29,000#/□", WITH "NOTED" ON FACE OF DWG., ADDED MAT'L NOTE #2. BR'T. AIR/REQ'TS. TO DATE. (NO WT. CH.)	7-6-43	NOBLE

PBY-5, CB-5





NOTES:
1: FILE FINISH ROUGH SURFACES & EDGES.
2: MATERIAL MAY BE.
(A) 195T4 AL ALLOY CASTING, SPEC. AN-QQ-A-390 CL I, H.T. 29,000 #/□", OR
(B) S-195T6 AL. ALLOY CASTING, SPEC. AN-A-5-CL II, H.T. 32,000 #/□:
FINISH:
ANODIZE, P27 PRIMER., 2 BLACK LACQUER

28B3910 CAN MAY BE USED FOR REPLACEMENTS
REPLACES GV SAME.
REPLACED BY
± 1/32
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

RCW 3-10-38
APPROVED DATE
.10 .10
CALC. WT. ACT. WT.
12" = 1'-0"
SCALE

ALL 28-5's	28B2908	1 EA																			
PBY-5B	28B2908	1																			
PBY-5B,A	28B2908	1 EA																			
PBY-6	28B2908																				
(CB-5) PBY-5 (Navy)	28B2908		9610-6-16	1	28B3910 -2	1															
Qual.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.		
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.																

A C						Bergen	L.A.C.	Plunkett	R.
NAVY MODIFIED	NOTED	NOTED		2-P-2BL		9-27-37			
MATERIAL	SPEC.	HEAT TREAT		FINISH		DRAFT	CHECK	EXAM.	ENG.

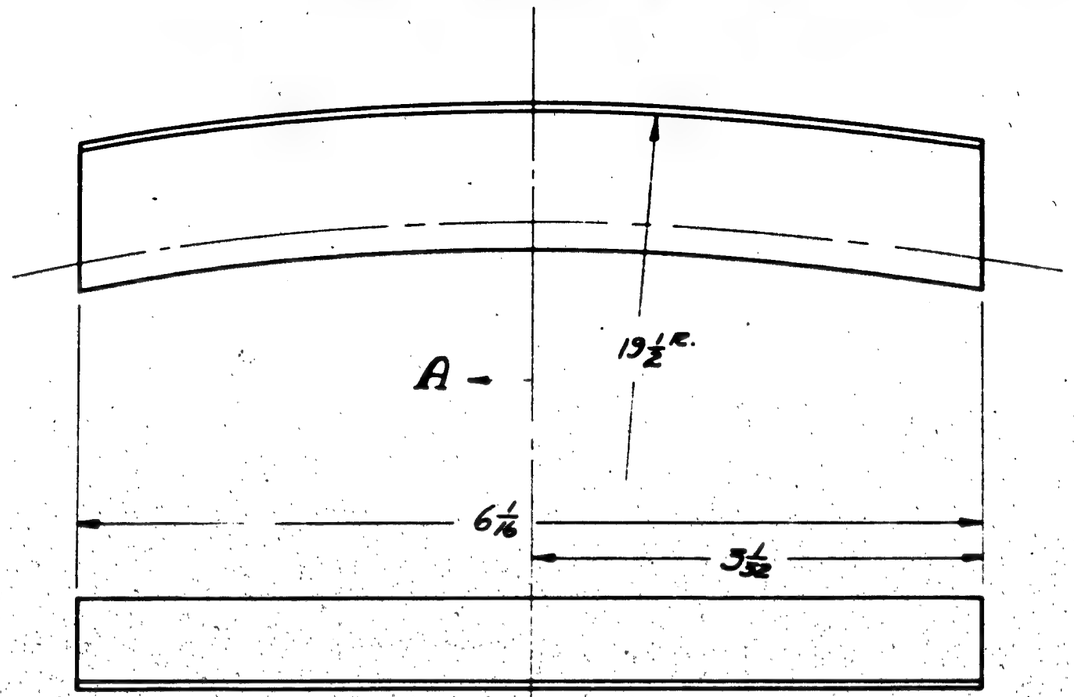
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

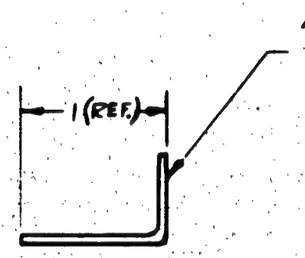
NAME STOP - HULL - TUNNEL GUN DOOR - CATCH

OPP. HAND
DWG. B SIZE
28B3910

28B3910

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-28-38	Schmidt
B	ON FACE OF DWG, "MAKE FROM Y-6-A26T" WAS "MAKE FROM 1 1/8 X 7/8 X .050 AL ALLOY ANGLE DIE "K-14033 SPEC. 46A15 COND. T." ADDED PARTS FOR PBY-5, 28-5 AMB, 28-5 AMC, 28-5MA, MK. NN, & ME. (ET CHG. NEC)	4-23-43	Pellet





SECTION A-A

GP. GREEN PRIME

FINISH CODE	
Z	ANODIC TREATMENT
P	[illegible]
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

PBY-3 S.O. #926-92

	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
		28-5AMC, MMB 28-5M's	28B4057	1 EA						
		PBY-5	28B4057	1						
		PBY-5B	28B4057	1						
		PBY-5A	28B4057	1						
		PBY-3	28B4057							
		PBY-4	28B4057							

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED [illegible] 2-3-39 DATE

.06 CALC. WT. ACT. WT.

SCALE FULL SIZE

AC

NAVY NOTED

MATERIAL

REQUIREMENTS PER AIRPLANE

MAT.	PARTS LIST PER ASSY.
NOTED	NONE
SPEC.	HEAT TREAT
ZP2GP	FINISH

7-6-39	7-10-39		
Stresses	Stressed	Hardness	R
DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

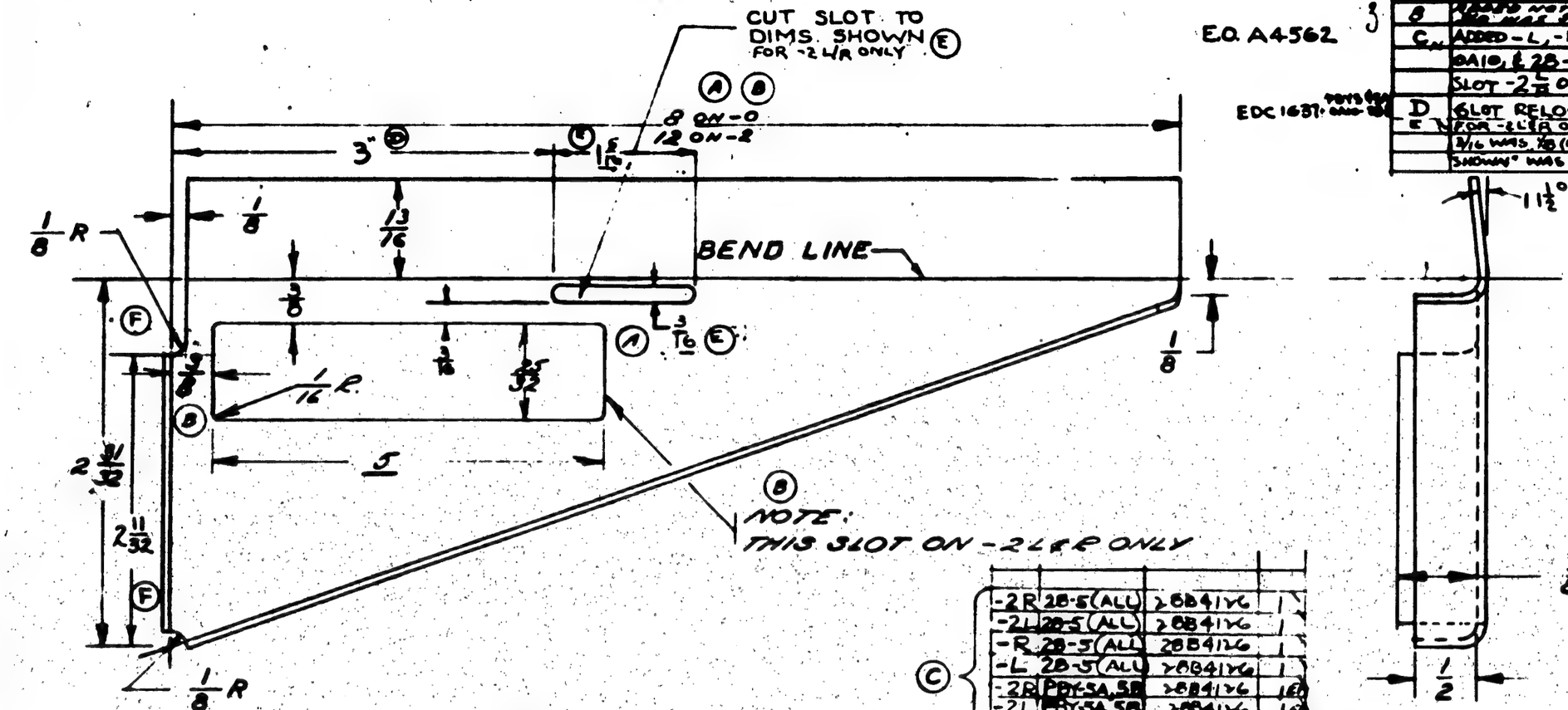
NAME EXTENSION-SLOT COVER-LOWER-REV. CIR. WIND.

OPP. HAND

DWG. B SIZE

28B4071

SULLIVAN-McKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH



E.O. A4562

EDC 1631

LET	ALTERATION	DATE	BY
A	12 WAS 8 ADDED SLOT	11-9-39	
B	ADDED - L, -2L FOR PBY-5 A/C	1-10-40	
B	ADDED NOTE TO SLOT		
C	ADDED -L, -R, -2L, -2R FOR PBY-5A,		
	28A10, & 28-5 (ALL) TO B/M. ADDED		
	SLOT -2 5/16 ONLY TO FACE OF DWG.	5-20-41	
D	SLOT RELOCATED TO 3" WAS 2 1/2"	9-11-41	
E	FOR -2 L/R ONLY 1 9/16 DIM. WAS 1 7/8 (REF) 2		
	1/16 WAS 1/8 (REF) "CUT SLOT TO DIM		
	SHOWN" WAS "HOLE 13827 — ONLY W/F CREWS	5-12-42	

FINISH CODE	
Z	ANODIC TREATMENT
P	PAINT
AP	GALVANIZED PRIMER
C	CADMIUM PLATE

-0 L&R ON PLANES #1201-1243 PBY-4 (29-31)

ALL BEND RADII 1/8

	REQUIREMENTS PER AIRPLANE																			
	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	MAT.	PARTS LIST PER ASSY.	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	-2R	28-5 (ALU)	28B4126	1																
	-2L	28-5 (ALU)	28B4126	1																
	-R	28-5 (ALL)	28B4126	1																
	-L	28-5 (ALU)	28B4126	1																
C	-2R	PBY-5A, 5B	28B4126	1																
C	-2L	PBY-5A, 5B	28B4126	1																
C	-R	PBY-5A, 5B	28B4126	1																
C	-L	PBY-5A, 5B	28B4126	1																
	-2R	PBY-5	28B4126	1																
	-2L	PBY-5	28B4126	1																
	-R	PBY-5	28B4126	1																
	-L	PBY-5	28B4126	1																

REPLACES	APPROVED	DATE	
REPLACED BY	CALC. WT.	ACT WT.	
LIMIT DIM. 1/32 UNLESS OTHERWISE SPECIFIED ±	SCALE 12" = 1 FT 0 IN		

A C				7-6-39
NAVY .051 AL ALLOY	ANA 15 COND T	NONE	Z-P-	DRAFT
MATERIAL	SPEC.	HEAT TREAT	FINISH	

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

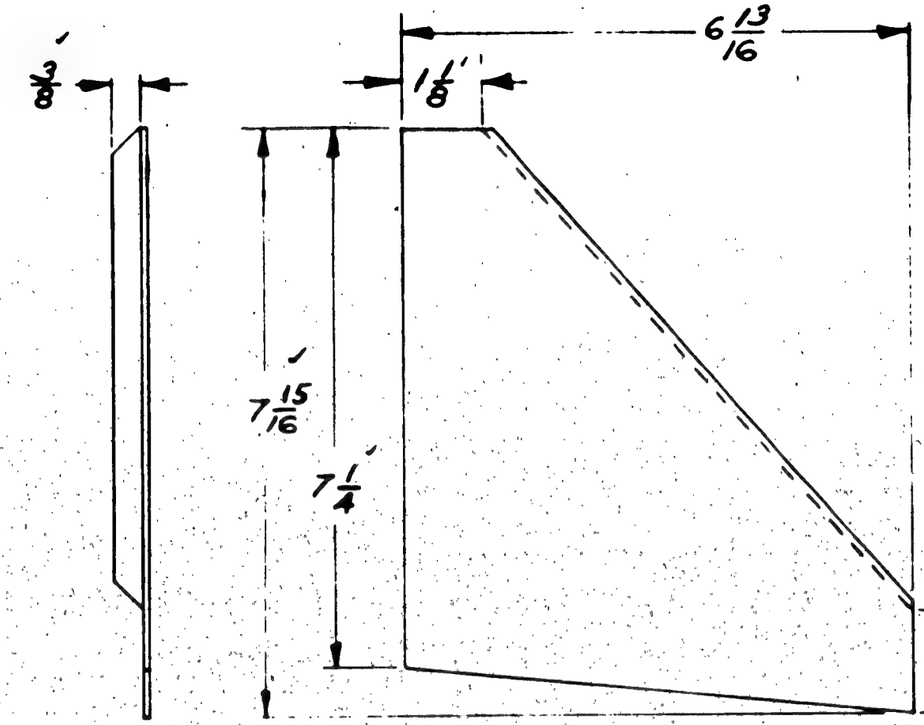
GUSSET - HULL - UPPER ANGLE WAIST GUN OPENING

OPP. HAND 28B4127-R

DWG. B 28B4127

F	ADDED DIM. 2 11/32 & CUTOFF FLANGE.	WT. CHG. NEG. 4-9-42	HUTCHINSON

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



C. P. GREEN PRINT

FINISH CODE	
Z	ANODIC TREATMENT
P	P 27 PRIMER
A	U. NIZED PRIMER
C	CADMIUM PLATE

PLANES #1241 - #1243
(29 31)

-R	PBY-5B	28B4125	2																		
-L	PBY-5B	28B4125	2																		
-R	PBY-5A	28B4125	2																		
-L	PBY-5A	28B4125	2																		
R	PBY-5	28B4125-2	2																		
	PBY-5	28B4125-2	2																		
R	PBY-4	28B4125	2																		
	PBY-4	28B4125	2																		
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.				
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.																

REPLACES	28B3	APPROVED	1-13-37 DATE						
REPLACED BY		CALC. WT.	ACT. WT.						
LIMIT ON UNTOLERANCED VALUES ± OTHERWISE SPECIFIED	1/32	SCALE	6" = 1 FT 0 IN						
A C						C.P	HORN		4.
NAVY ALCLAD ALLOY		24 S T A 1/2 COND. T	NONE		Z-P-[illegible]	STEPHENS			
MATERIAL		SPEC.	HEAT TREAT		FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

GUSSET-HULL-LOWER
CHANNEL-SUB FRAME #C4

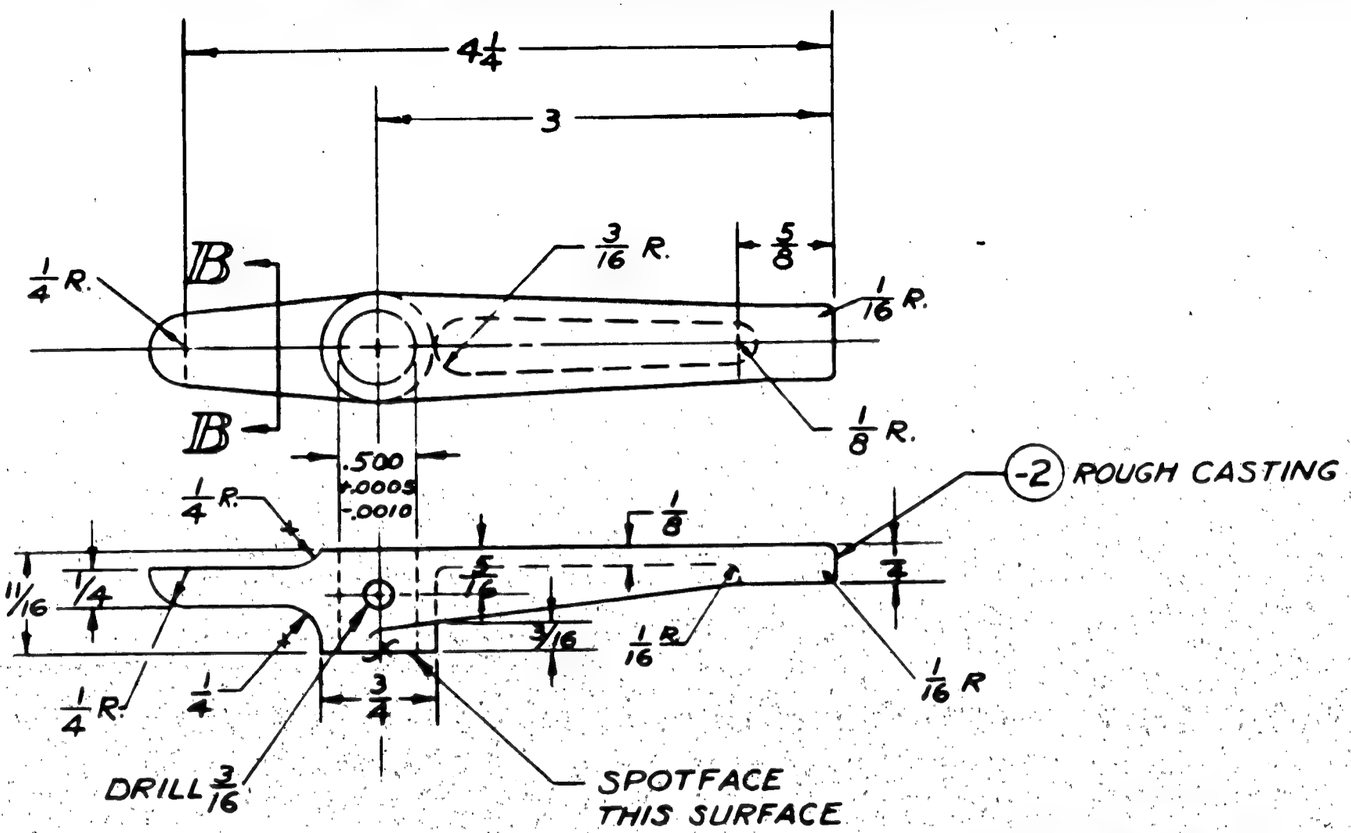
OPP. HAND 28B4136-R

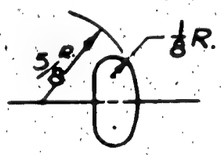
SUPS. B

28B4135

28B4157

LET	ALTERATION	DATE	BY
D	TRACED. NO WT. CHG.	9-23-43	WATERS





SEC. B-B

S.O. 930-37 CONTRACT
CHANGE "U" PLANES
#1241-1243 (29-31)

NOTES:

1. MATERIAL MAY BE:
   (A) 195T4 AL. ALLOY CAST'G., SPEC. AN-QQ-A-390-CL. I, H.T. 29,000 #/□", OR
   (B) S-195T6 AL. ALLOY CAST'G., SPEC. AN-A-5 CL. II, H.T. 32,000 #/□".

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

ASSY. DASH NO	MODEL	NEXT ASSY.	QUAN
	ALL 28-5's	28B4143	1
	PBY-5B	28B4143	1
	PBY-5A	28B4143	1
	PBY-5	28B4143	1
	PBY-4	28B4143	1

REQUIREMENTS PER AIRPLANE

REPLACES 28B4157 3-10-39 — CALC WT.

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/64 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
28B4157	FINISHED CASTING (MAKE FROM -2)								
28B4157-2	ROUGH CASTING	NOTED	NOTED				N.P.Z.	S.	

PARTS LIST PER ASSY.

AC		3-10-39					
NAVY NOTED	Z-P-2GP	SOMNTAG				3-14-39	R.
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.

NAME HANDLE-LOWER-LOCK ACCESS DOOR-WAIST GUN TURRET

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

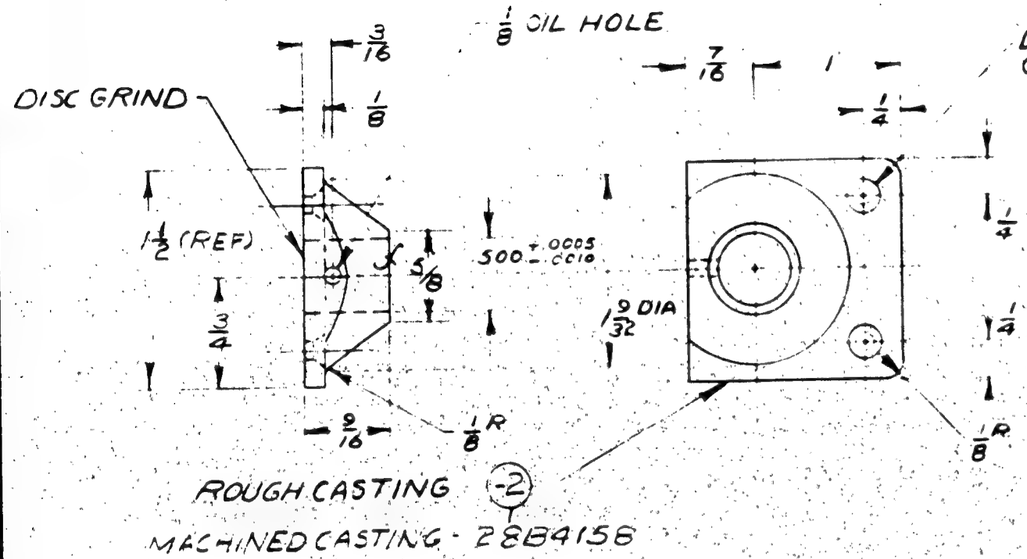
OPP. HAND

DWG. B SIZE 28B4157

R

LET	ALTERATION	DATE	BY
H	TRACED NO WT. CHG	9-24 43	B. FOX

2884158



ASSY DASH No	MODEL	NEXT ASSY.	REQ
	LB-5 ALL	2884143	1 EA
	PBY-5B	2884143	1
	PBY-5A	2884143	1
	PBY-5	2884143	1
	PBY-4	2884143	1

REQUIREMENTS PER AIRPLANE

REPLACES 2884158 3-10-39 CALC WT

REPLACED BY ACT WT

UNLESS OTHERWISE SPECIFIED ± 1/64 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
2884158	MACHINED CASTING MADE FROM -2												
-2	ROUGH CASTING	NOTED	NOTED										
PARTS LIST PER ASSY.				-0		-3		-4		-5			

NOTES
1. MATERIAL MAY BE
(A.) 195T4 AL ALLOY CAST'G, SPEC AN-QQ-390 CL 1, H T 29,000 PS.I, OR
(B.) S-195T6 AL ALLOY CAST'G SPEC, AN-A-S-CL. II, H.T 32,000 PS.I

FINISH CODE	
Z	ANOD'C TREAT MEAS
P	P-C-7 PRIMER
GP	GREEN PRIME
C	CADMIUM PLATE

AC		3-10-39						
NAVY NOTED	Z-P-2GP	SCANNED						
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG.	

NAME BEARING-LOCK-ACCESS DOOR-WAIST GUN TURRET

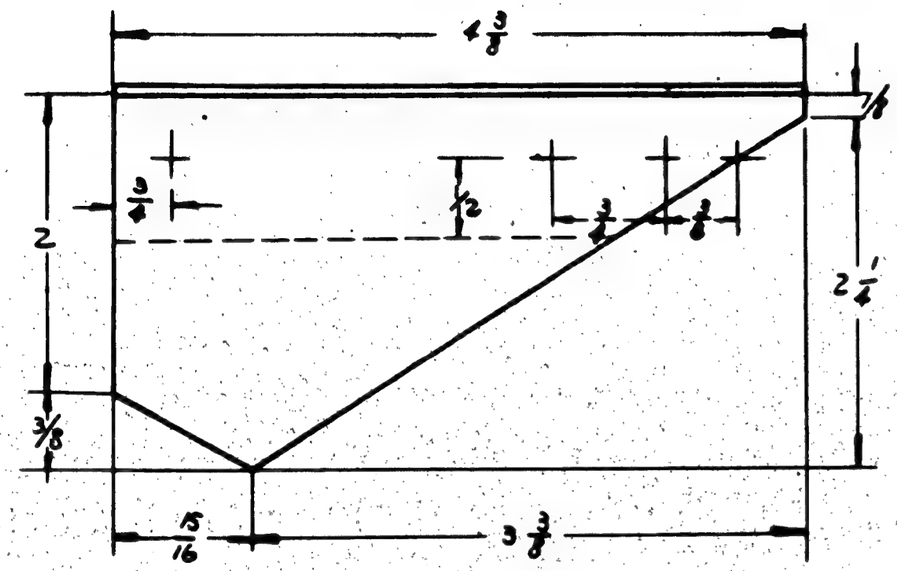
OPP. HAND

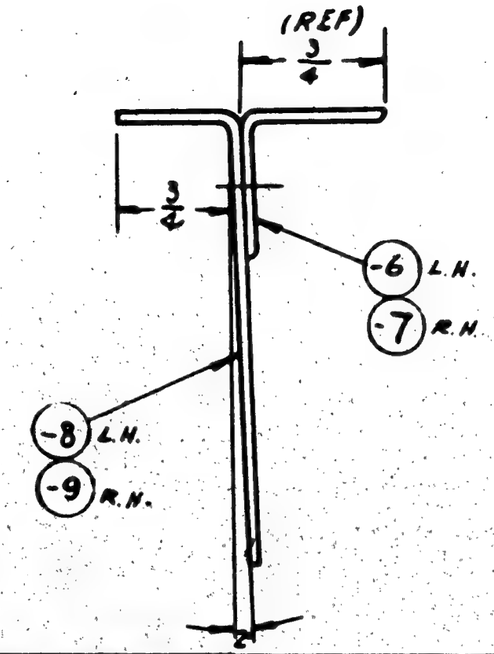
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG B SIZE 28B4158

R

LET	ALTERATION	DATE	BY
A	Y6-A23-T WAS Y6-D23-T.		
	(NEG. WT. CHG.).	3-7-42	HARMES





FIN'S + CODE	
Z	ANOD.C TREATMENT
P	P.27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

-R	PBY-5A	28F5984	1
-L	PBY-5A	28F5984	1
-R	XPBY-5A	28B4231	1
-L	XPBY-5A	28B4231	1
ASSY DASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACED — Orig. Wt.

REPLACED BY — Adv. Wt.

LOCATION DIMENSIONS ± 1/16 ± 1' — SCALE 12 = 1'-0"

R	28-5AMN	28F5984	1
-L	28-5AMN		1
-R	28-5AMG		1
-L	28-5AMG	28F5984	1
ASSY -NO	MODEL	NEXT ASSY	REQ.

REQUIREMENTS PER AIRPLANE

AN 442-D5

PART No.	STOCK	MATERIAL	SPEC	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
				-0		-2		-3		-4		-5	
-9	3 1/4 x 4 3/4 x .064	AL. ALL. SH.	AN-A-20 COND. T	1									
-8	3 3/4 x 4 3/4 x .064	AL. ALL. SH.	AN-A-20 COND. T		1								
-7	Y6-A23-T (4)						1						
-6	Y6-A23-T (4)								1				

PARTS LIST PER ASSY.

AC		6-22-39					HPZ	
NAVY NONE	Z-P-ZAL-C	A.M.		Green		6-28-39		R
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG	

NAME CUSSET-HULL MECH. SEAT SUPPORT INBOARD STA 4.25

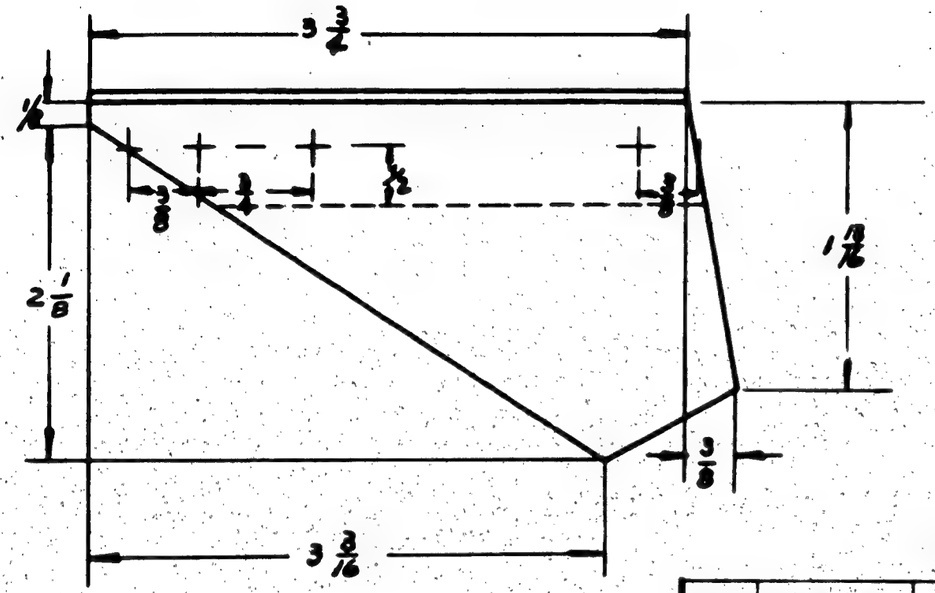
OPP HAND 28B4230-R

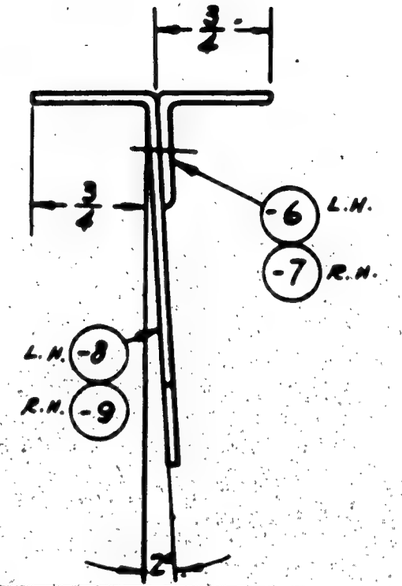
CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

SIZE B — 28B4230

ALL RADII BEND ±

LET	ALTERATION	DATE	BY
A	Y6-A23T was Y6-D23T	8-14-41	Pasco





FINISH CODE	
Z	ANODIC TREATMENT
P	P 27 PRIMER
A	ALUMINIZED PRIMER
C	CADMIUM PLATE

-R	[redacted]	28A5232	1 RH
-L	[redacted]	28A5231	1 LH
-R	XA2Y-5A	28B4232	1
-L	XA2Y-5A	28B4231	1

ASSY DASH NO.	MODEL	NEXT ASSY.	QTY

REQUIREMENTS PER AIRPLANE

REPLACES	SHIP NO.
REPLACED BY	SHIP NO.
LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/16 - ±1°	SCALE 12" = 1'-0"

STAMP PART NUMBER STROKE SHOWN

PART No.	Ⓐ STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-2	4 1/4 x 3 1/2 x .051	AL ALL. SW	QQA 250/2 T	1									
-3	4 1/4 x 3 1/2 x .051	AL ALL. SW	QQA 250/2 T		1								
-4	Y6-A23T-4A					1							
-5	Y6-A23T-4A						1						

AC		6-22-39				
NAVY None	Z-P-2 Alc. C.P.	am		Brem		6-28-39
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV ENG

NAME GUSSET - HULL - MECH - SEAT SUPPORT INBOARD (STA 4.6)

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP HAND 28B4232-R

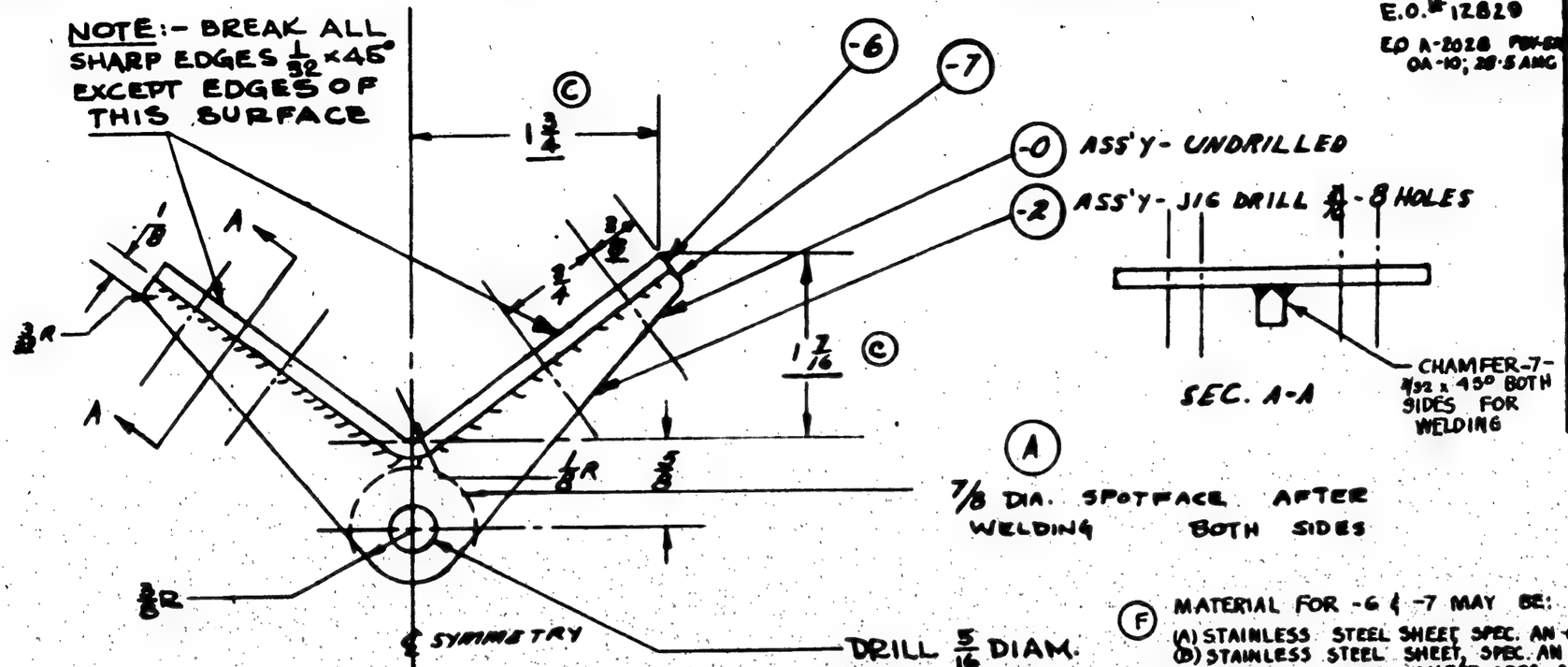
DWG B SIZE 28B4232

ALL RADII BEND ↑

R

NOTE:- BREAK ALL SHARP EDGES $\frac{1}{32}$ × 45° EXCEPT EDGES OF THIS SURFACE

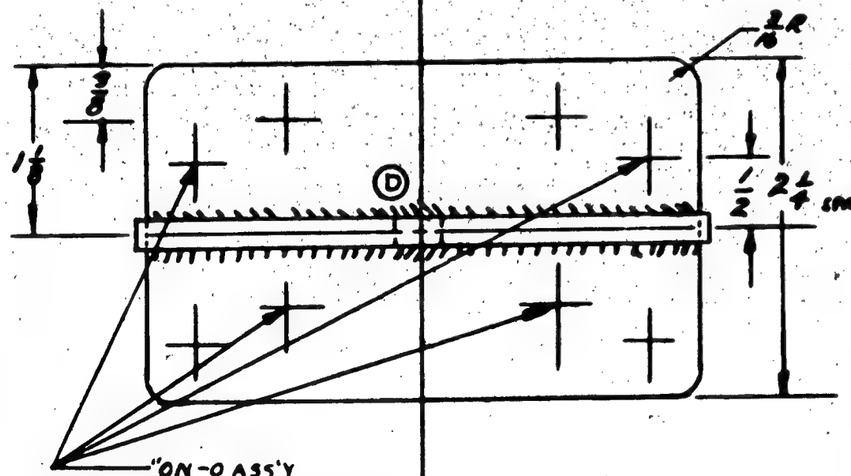
E.O.# 12829
ED A-2028 PBY-5A OA-10; 28-5 AMC



(A) 7/8 DIA. SPOTFACE AFTER WELDING BOTH SIDES

(F) MATERIAL FOR -6 & -7 MAY BE:
(A) STAINLESS STEEL SHEET SPEC. AN-QQ-S-757 COND. A, OR
(B) STAINLESS STEEL SHEET, SPEC. AN-QQ-S-772 COMP. G, OR
(C) SAE 4130 STEEL SHEET, SPEC. AN-QQ-S-685, FINISH; CADMIUM PLATE PER SPEC. AN-QQ-P-421.

LET	ALTERATION	DATE	BY
A	ADDED SPOTFACE NOTE.	11-29-41	M'Donald
B	REDESIGNED FOR PRODUCTION	12/6/41	REST
C	CHGD DIMS FROM 1 1/16 TO 1 1/4 & 1 5/16 TO 1 7/16	5-12-43	[illegible]
D	REMOVED 1/16 DIM. (2 PLACES) & NOTE: "REGION OF WELD NOT TO EXCEED DIM. SHOWN." CHANGED NOTE: "ON -0 ASS'Y ··· 4 HOLES 3/16 DIA TO READ "ON -0 ASS'Y LOCATE HOLES FROM EXISTING RIVET HOLES" ADDED NOTE "7/8 SPOTFACE 4 HOLES AFTER WELDING NO WT. CHG.	6-3-43	HERRILL
E	SPEC FOR -6 & -7, "AN-QQ-S-757 COND A" WAS "4758." No WT. CHG.	9-2-43	CRAIG
F	IN B/M, AT -6 & -7, REPLACED "CORR RESIST. STAINLESS STL" & "AN-QQ-S-757 COND A" WITH "NOTED". AT FINISH, ADDED "NOTED" ON FACE. ADDED MATERIAL NOTE. NO WT. CHG.	10-12-43	HODIK



D "ON -0 ASS'Y LOCATE HOLES FROM EXISTING RIVET HOLES" "7/8 SPOTFACE 4 HOLES AFTER WELDING."

-2	28-5AMN	28B4266	1
-2	28-5-AMC	28B4266	1
-2	OA-10	28B4266	1
-2	PBY-5A	28B4266	1
-0	XPBY-5A	28B4266	1
ASS'Y DASH NO.	MODEL	NEXT ASSY	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. .45

REPLACED BY — ASY. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
-7	.187 × 2 1/2 × 4	NOTED	NOTED	1	1				
-6	.125 × 2 1/2 × 4 1/2	NOTED	NOTED	1	1				

PARTS LIST PER ASSY.

AC / NAVY ANNEAL AFTER WELD — HEAT TREAT

POLISH & NOTED — FINISH

DRAFT: Norman 9/22/43 — CHECK: [illegible] — STRUCT: [illegible] — MAT: J.F.R. 9/23/43 — APPROV: [illegible] — ENG: [illegible]

OPP HAND —

NAME FITTING - HULL - TOWBAR SNUBBING

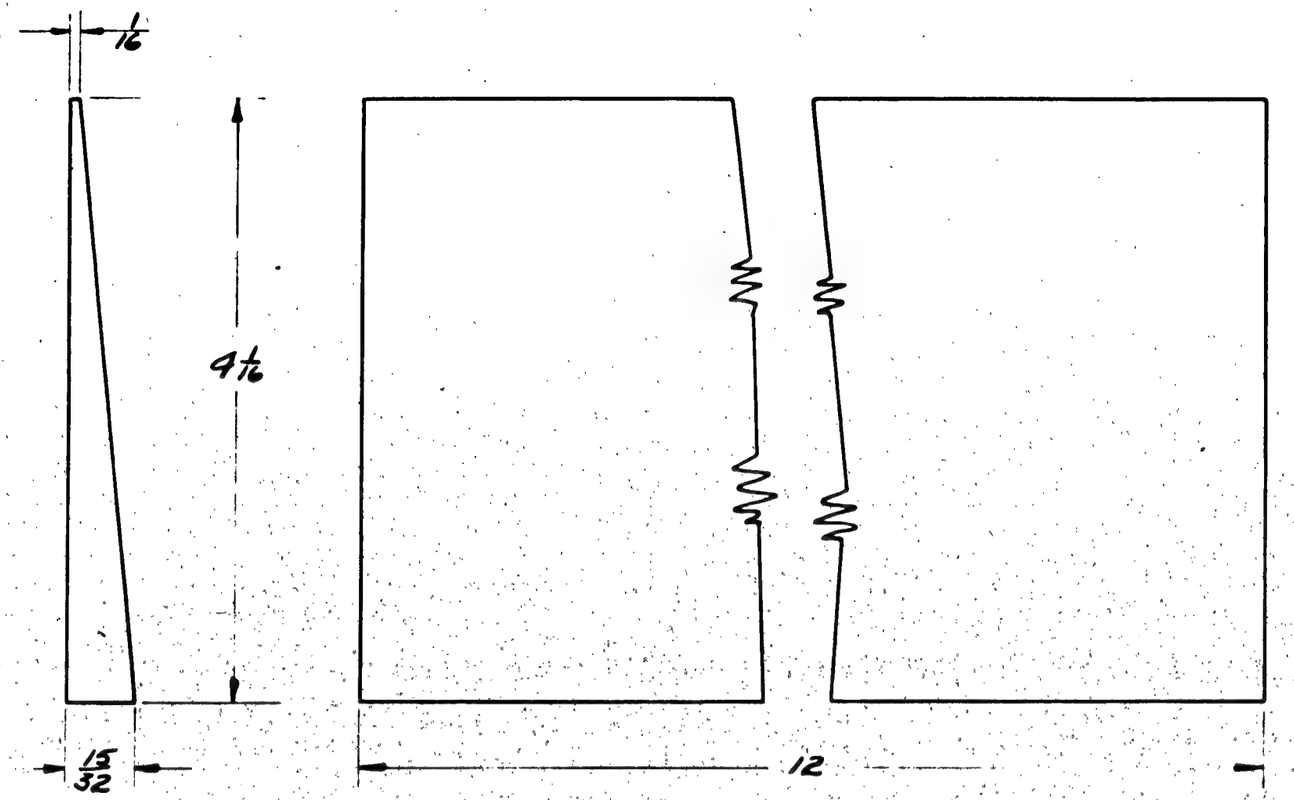
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — DWG. 28B4264

28B4264

R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-29-39	Sumner
B	IN B/M, REMOVED "AL. ALLOY CST'G," "ALN CL. 1", & "29,000"/0-"; ADDED "NOTED".		
	TO FACE, ADDED MATERIAL NOTE. NO WEIGHT CHG.	8-20-43	HOOK



NOTE APPROX. 16 PCS. OF 28B1500-100 CAN BE MADE FROM THIS CASTING.

MATERIAL MAY BE:
(B) 1.- AL. ALLOY CASTING 195T4,
SPEC AN-QQ-A-380 CL. I,
T.S. 29,000 P.S.I., OR
2.- AL. ALLOY CASTING S10ST6,
SPEC. AN-A-5 CL. II,
T.S. 32,000 P.S.I.

	SEE RELEASE SHEET										
#144 & ON	PBY-5	28B1500	2								
#1 TO 143	PBY-5	28B1300	4								
ALL	PBY-5B	28B1500	2								
	PBY-5A	2885590	8								
	PBY-9	28B1500									
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

				12-27-39	C.O.C.		
NOTED	NOTED	NONE		[illegible]		H.W.H.	R
SPEC.	HEAT TREAT	FINISH		DRAFT	CHECK	EXAM.	ENG.

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED J.C.M. DATE 2-17-39
CALC. WT. 1.90 ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY NOTED
MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

NAME BLOCK-HULL-FILLER BULKHEAD #5

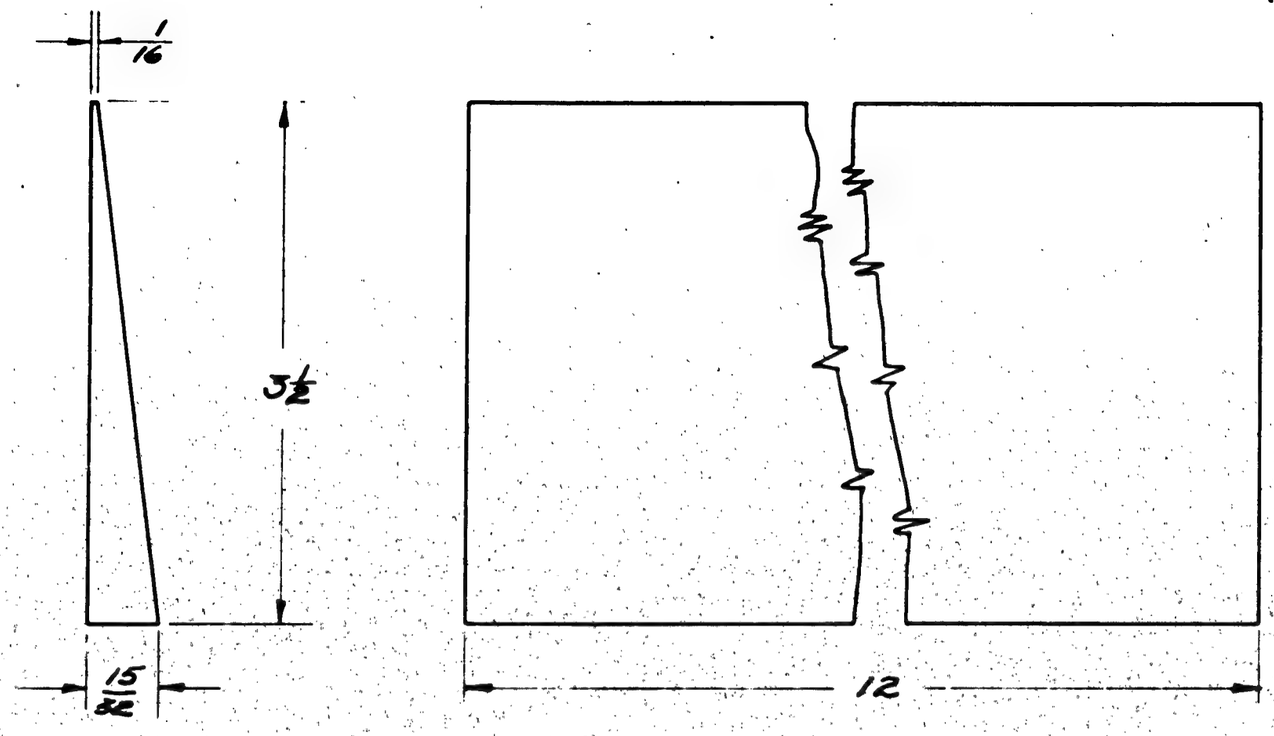
OPP. HAND
DWG. B SIZE 28B4522

28B4522

SULLIVAN McGREGAN CO. INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-23-41	Stroud
B	IN B/M, REPLACED "AL ALLOY C3I5",		
	"46AI CL.1, T "28,000 #/□" WITH "NOTED".		
	TO FACE, ADDED MATERIAL. NOTE.		
	NO WT. CHG.	8-30-43	HOVER

12



NOTE APPROX. 16 PCS. OF 28B1500-99 CAN BE MADE FROM THIS CASTING.

(B) MATERIAL MAY BE:
1.- AL. ALLOY CASTING 195T4,
SPEC. AN-QQ-A-300 CL.I,
T.S. 20,000 P.S.I., OR
2.- AL. ALLOY CASTING 319ST6,
SPEC. AN-A-5 CL. II,
T.S. 32,000 P.S.I.

* POUR 3/4 PIECES PER SHIP-FROM 12" CASTING

*	28-5AMN	28B5590											
*	28-5AMC	28B5590											
*	28-5MN	28B1500											
*	28-5ME	28B1500											
*	28-5MC	28B1500											
*	28-5MA	28B1500											
*	PBY-5	28B1500											
*	PBY-5B	28B1600											
*	PBY-5A	28B5690											
	PBY-4	28B1500											

REPLACES													
REPLACED BY													
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32													
[redacted]													
APPROVED L. Bell DATE													
CALC. WT. 1.12	ACT WT.	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		
SCALE 1/2"=1'-0"		REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.						
AC													
NAVY NOTED		NOTED	NOTED			NONE							
MATERIAL		SPEC.	HEAT TREAT			FINISH	DRAFT	CHECK	EXAM.	ENG.			
							REMARKS						
							NF-ST-ST	C.QC.	FNH	E			

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME BLOCK-HULL-FILLER BULKHEAD #5

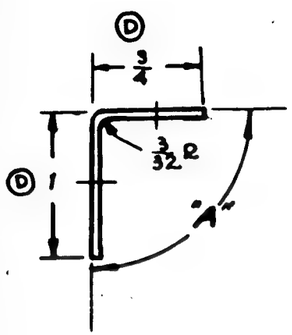
OPP. HAND

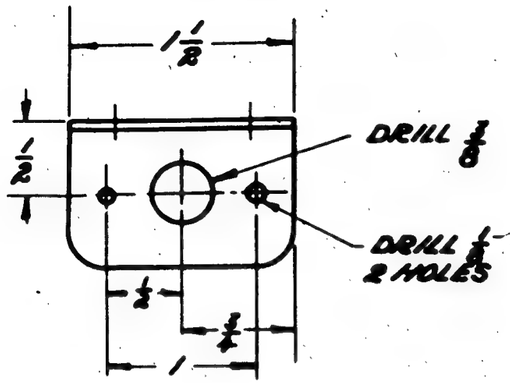
DWG. B SIZE 28B4523

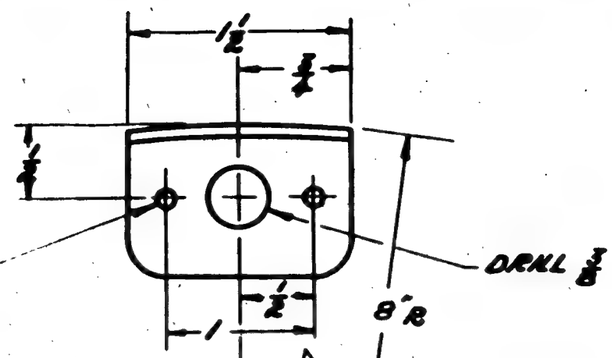
28B4523

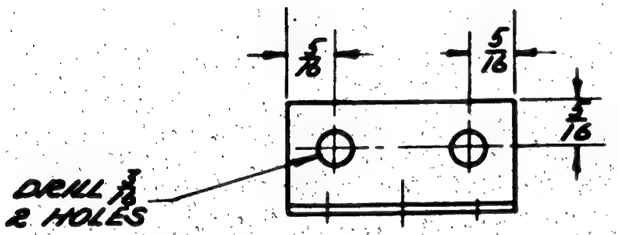
SULLIVAN-McKEEGAN CO. INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	T.R.H. 60	1-18-39	[illegible]
D	IN B/M, MAT. & SPEC. "NOTED" WAS "AL. ALLOY EXT. 24ST & 46A9-COND. T." TO CROSS SECTION VIEWS ADDED DIMS. "5/16" & "17/32 R" TO PICK ADDED MAT NOTE "1. PROD. T. REQ/A&R. TO DATE. WT. CHG. NEG	9-2-43	[illegible]

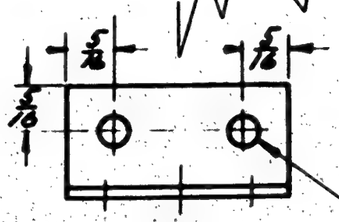


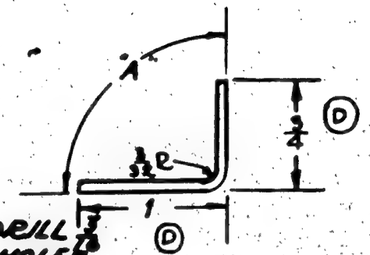






DETAIL OF -2-3 & -4





DETAIL OF -5 & -6

ROUNDED CORNERS SHOWN, TO BE 1/4 R. APPROX.

Ⓓ

MATERIAL NOTE
1.- MAT. MAY BE -
(A). .081 x 1 7/8 x 1 5/8, 24ST. ALC., SPEC. QQ-A-362-T. OR
(B). K1288X 1 5/8, AL AL EXTR., SPEC. QQ-A-354-T.

PART NO.	ANGLE "A"
28B4566-	
-3	105°
-4	66°
-5	90°
-6	72°

G.P. GREEN PRIMER

FINISH CODE	
Z	ANODIC TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
	ADMIUM PLATE

PART NO.	LH REQ.	RH REQ.	PARTS LIST PER ASSY.	MAT.	REQUIREMENTS PER AIRPLANE	NEXT ASSY.	MODEL	O.H.
						28B5017	PBY-5A	-6
						28B5017	PBY-5A	-5
						28B5017	PBY-5A	-4
						28B5017	PBY-5A	-3
						28B5017	PBY-5A	-2
						28B1567	PBY-4	-2

SAME FOR PBY-5, 5A, CATALINA, & MAY

REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.			
				1-6-39	DRAWN	M.C.D.	
NOTED	NONE	X-P-B.P.		ADAMS	1-6-39	HWH	R
SPEC.	HEAT TREAT	FINISH		DRAFT	CHECK	EXAM.	ENG.

REPLACES 28B1566 FOR PBY-4
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .xx
SCALE 12"=1'-0"
AC
NAVY NOTED
MATERIAL

L.C.M. 1-16-39 DATE
APPROVED
CALC. WT. [illegible] ACT. WT.

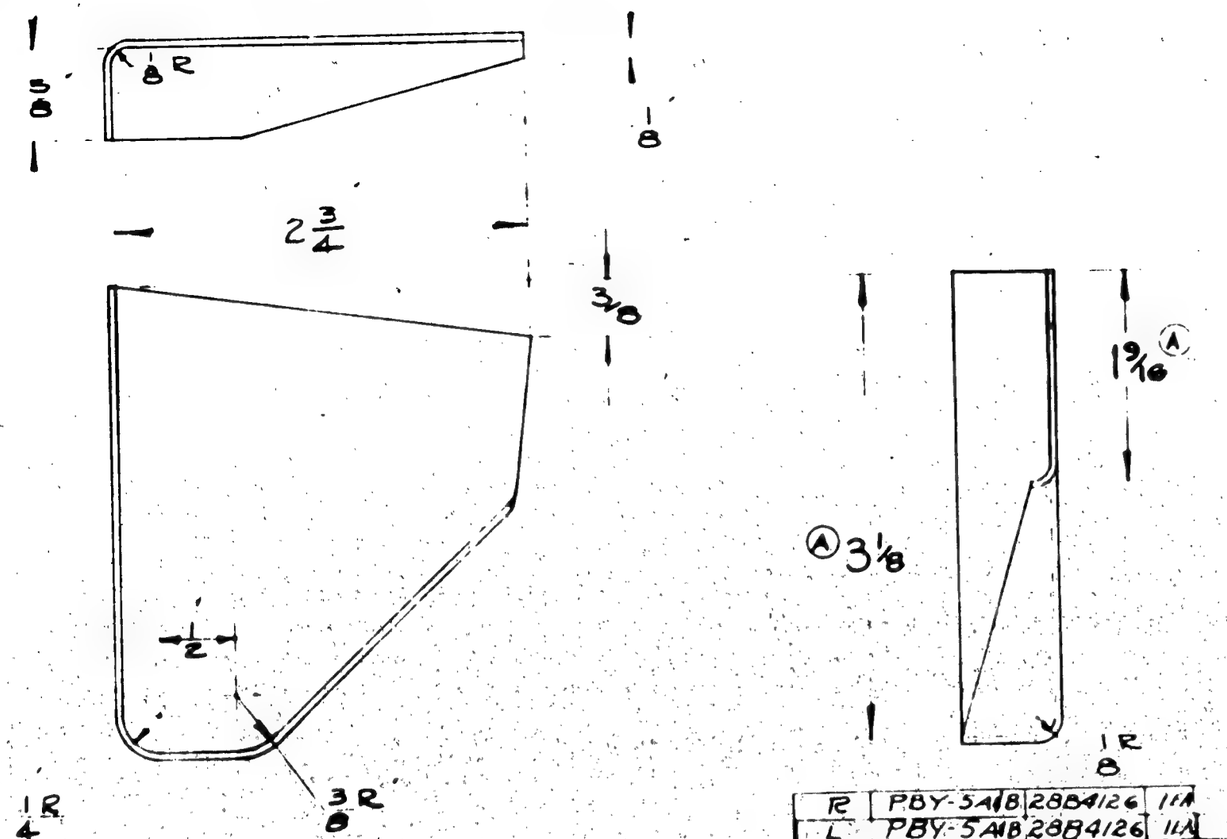
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN

NAME SUPPORT - HULL DZUS FASTENER SPRING

OPP. HAND
DWG. B SIZE 28B4566

SULLIVAN-McKEEGAN CO. INC. BUFFALO
IMPERIAL TRACING CLOTH

LET	ALTERATION	DATE	BY
A	3/4 WAS 2 3/16, 9/16 WAS 1 3/8	4-27-40	[illegible]



R	PBY-5A|B	28B4126	1
L	PBY-5A|B	28B4126	1
-R	PBY-5	28B4126-2	
	PBY-5	28B4126-2	
-R	PBY-5	28B4124	3
	PBY-5	28B4124	3

ASSY DASH NO.	MODEL	NEXT ASSY	QTY

REQUIREMENTS PER AIRPLANE

REPLACES — Case WT

REPLACED BY — Act WT

Limit on Dimensions Unless Otherwise Specified: ± 1/32

SCALE: 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

.051 x 5 x 6 AL ALLOY 24ALO CQ&B A

PART NO	STOCK	MATERIAL	SPEC	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
PARTS LIST PER ASSY				-0		-2		-3		-4		-5	

R	PBY-5B	28B4124	3
L	PBY-5B	28B4124	3
R	PBY5A	28B4124	3
L	PBY5A	28B4124	3
O H	MODEL	NEXT ASS'Y	REQ

AC

NAVY 3R 53 — HEAT TREAT

Z-P — FINISH

	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG
	11-6-39	11-6-39		3/5/40		

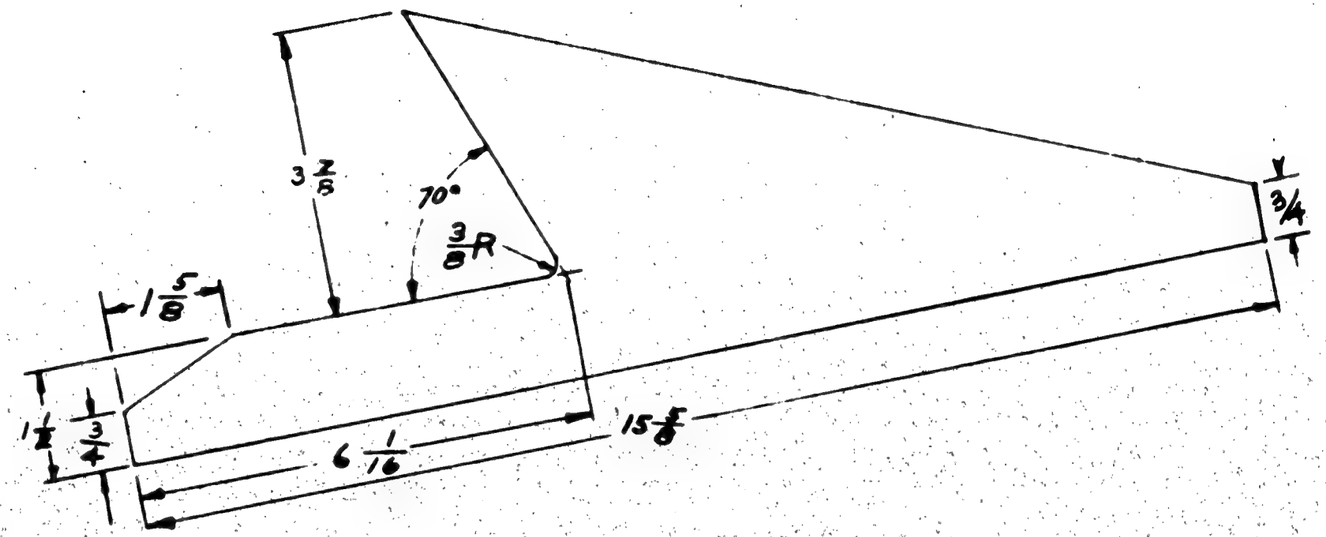
NAME GUSSET-HULL - BELT-FRAMES STA 6.2-6.4-6.8 UPPER

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF

OPP HAND 28B5012-R

DWG B SIZE 28B5012

LET.	ALTERATION	DATE	BY



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

FURN BY GOV'T OM
PBY-5A C-70496
FOR 31 SHIPS)
REF. B/A LETTER 1/2/41)

OF CONTRACT
#70496 ONLY
(83 AIRPLANES)
S.O.#936-53

ASSY. DASH NO.	MODEL	NEXT ASSY.	QUAN.
	PBY-5A	28U5077	1
-0	PBY-1, 2, 3, 4	28U4037L	1
-2	PBY-5A	28U5077L	1
-3	PBY-5	28U5077L	1

REQUIREMENTS PER AIRPLANE

REPLACES — Engg. Wt. .29

REPLACED BY — Aer. Wt.

LAYOUT OR DRAWING WILL BE PROJECTED SYMMETRICAL — SCALE 6"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART No	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
	.064 x 2 3/4 = 15 5/8	24ST ALCLAD	4798 T										

PARTS LIST PER ASSY.

AC		1/24/41			BMN			
NAVY NONE	Z-P-AP	DIST'B			FRF			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV.	ENG.	

NAME BRACKET-SUPPORT-ARM. PLT. TUNNEL GUN-LOWER

OPP. HAND

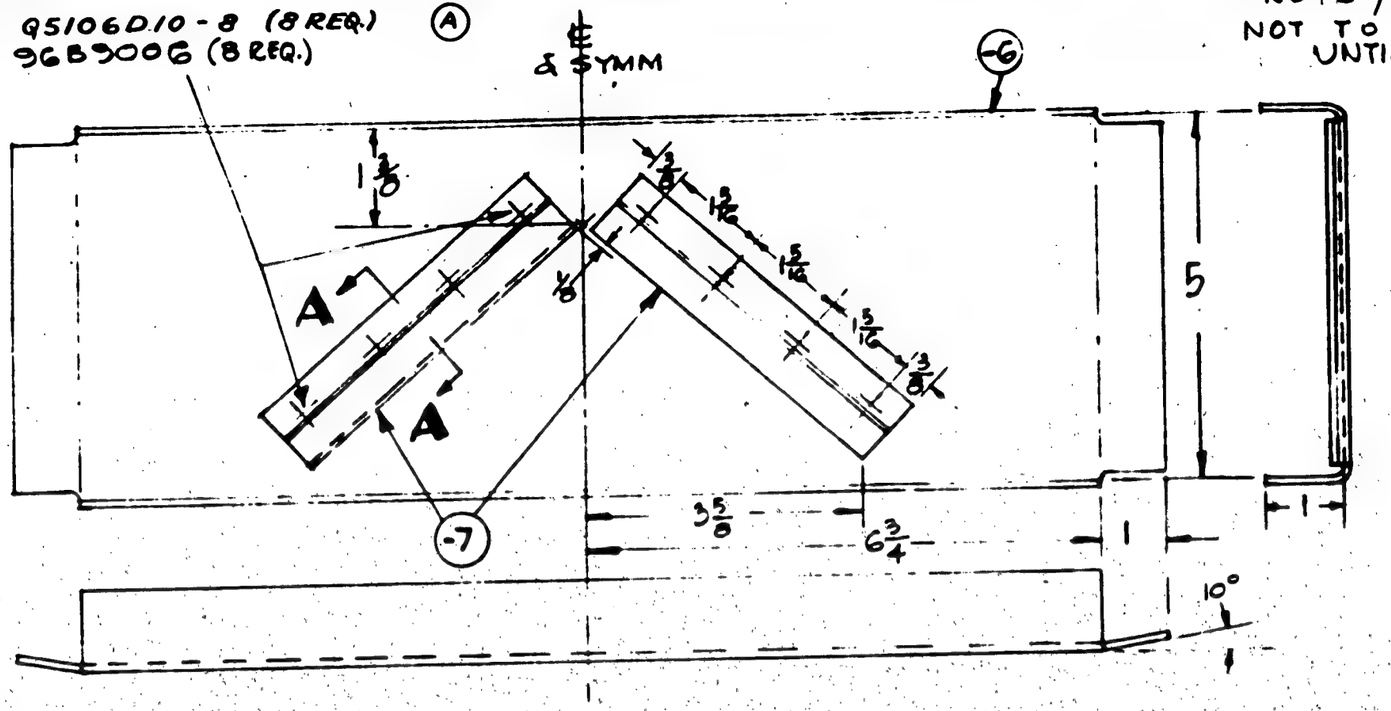
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B — 28B5021

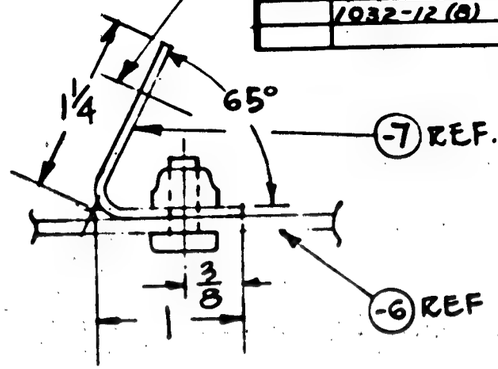
LET	ALTERATION	DATE	BY
A	AN526-DD1032-12 WAS AN626-DD1032		
	& ADDED STOCK SIZE FOR -6 & -7 (NO		
	WT. CHG.)	4-27-42	WALTHER
B	Q5106D10-8 (B) WAS AN526-DD		
	1032-12 (B) WT. CHG. NEG.	5-3-91	MARKLE

(B) Q5106D10-8 (8 REQ.)
9GB5006 (8 REQ.)

(A)



NOTE: THIS FLG. NOT TO BE DRILLED UNTIL INSTALL



SECT. A-A
SCALE 12" = 1'-0"

FINISH CODE	
Z	ANODIC TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

NOTE ALL BEND & CUTOUT RADII 1/8

GOV. FURN ON C-7049C →

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28B5077	1
	PBY-5	28B5077	1

REQUIREMENTS PER AIRPLANE

REPLACES	1.07* CALC. WT.
REPLACED BY	AGY. WT.
UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 6"=1'-0" & NOTED

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.		LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
				B						
				B						
-7	.064 x 2½ x 4⅞	ALCLAD	47 A B	Z						
-6	.081 x 7¼ x 15¾	ALCLAD	47 AB	1						

PARTS LIST PER ASSY.

AC			DRAFT	CHECK RP	STRUCT.	MAT.	APPROV.	ENG. MV
NAVY SR53-T	Z - P - AP							
HEAT TREAT	FINISH							

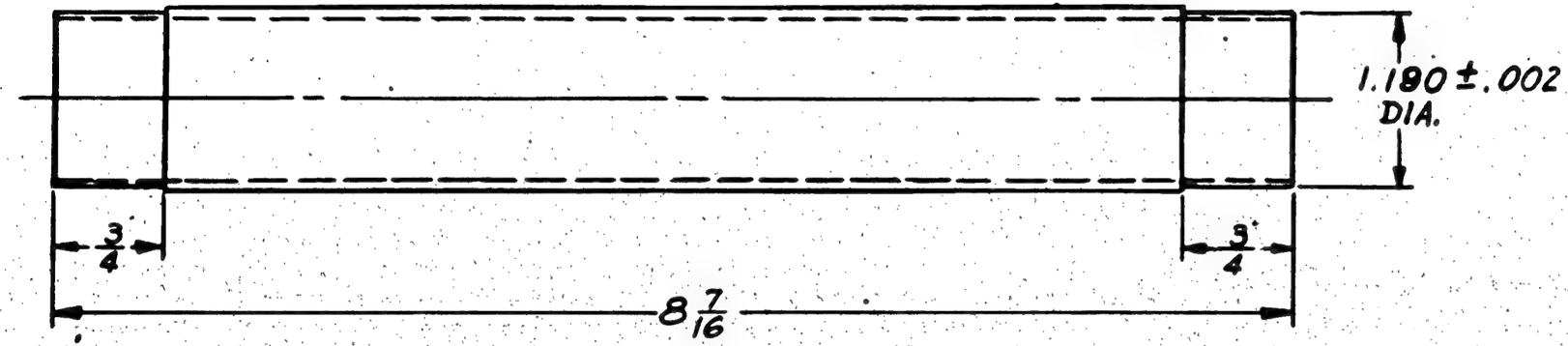
NAME BRACKET - ARMOR PLT. - TUNNEL GUN - UPPER

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B DWG. 28B5024

LET	ALTERATION	DATE	BY



FINISH CODE	
Z	AMS D'C TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

HULL #439 AND ON

ASSY. DASH NO.	MODEL	NEXT ASSY.	QUAN
	PBY-5B	28B1806	1
	28-37AHN	28B1806	1
	PBY-5A	28B1806	1
	PBY-5	28B1806	1

REQUIREMENTS PER AIRPLANE

REPLACES — GALC. WT. .19

REPLACED BY — ACT. WT.

LIMIT ON DECIMALS UNLESS OTHERWISE SPECIFIED ± 1/32 NOTED — SCALE 12" - 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.065 X 1 1/4	AL.AL.TUBE	44T21-CON.B.T										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		LETTNER					
NAVY NONE	Z-P-AP	1-19-42		4	1-30-42		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT.	APPROV.	ENG.

NAME TUBE-HULL-BOMBER'S WINDOW MECHANISM-HOUSING

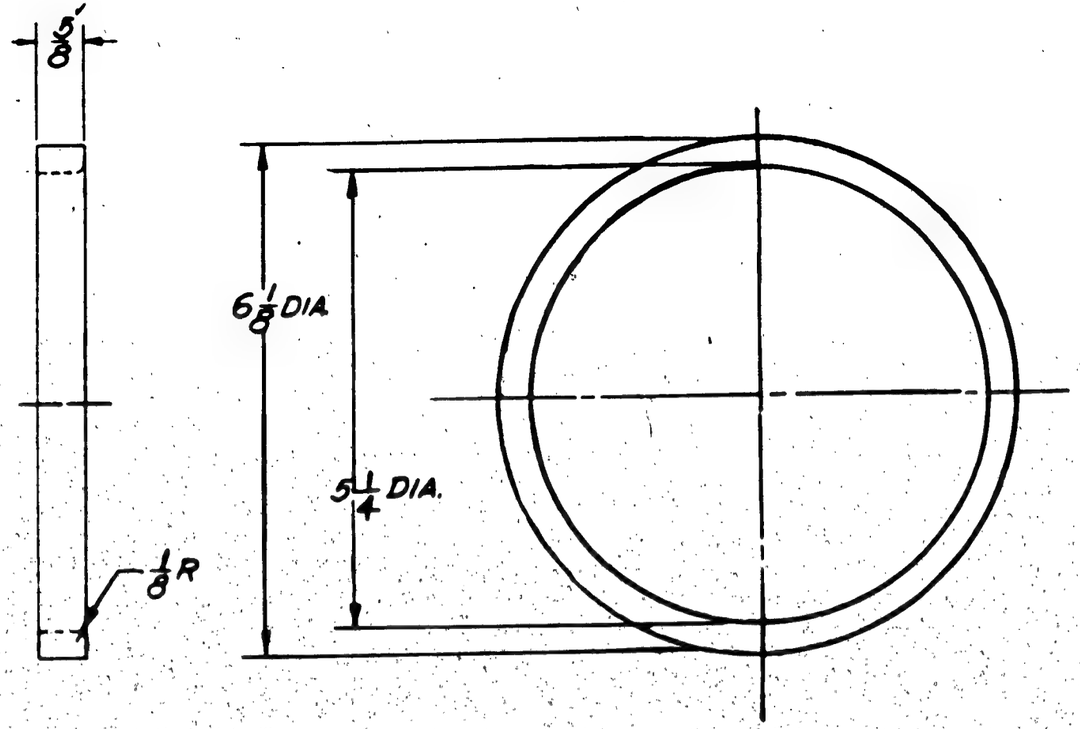
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND NONE

DWG. B SIZE 28B5035

R

LET	ALTERATION	DATE	BY



MOULD FROM NEOPRENE OR EQ
SHORE HARDNESS - 20-30

PURCHASE TO DWG.

CONT # 91876

ASSY DASH NO	MODEL	NEXT ASSY.	REQ
	28-AMPH	28B5044	1
	PBY-5A	28B5044	1
	PBY-5	28B5044	1

REQUIREMENTS PER AIRPLANE

REPLACES .36# CALC. WT.

REPLACED BY ACT. WT.

LIGHT ON SHADING UNLESS OTHERWISE SPECIFIED: + 132 -

SCALE 6" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4	-5
■	5/8 x 6 1/4 x 6 1/8	NOTED	N-11								

AC		1-24-42	Smith	Hull		Klein	Glenn
NAVY NONE	NONE	STREET	CHECK	STRUCT.	MAT	APPROV	ENG
HEAT TREAT	FINISH	DRAFT			A.L.	21444	

NAME SEALING RING-HULL-BOMBER'S WINDOW HANDHOLE COVER

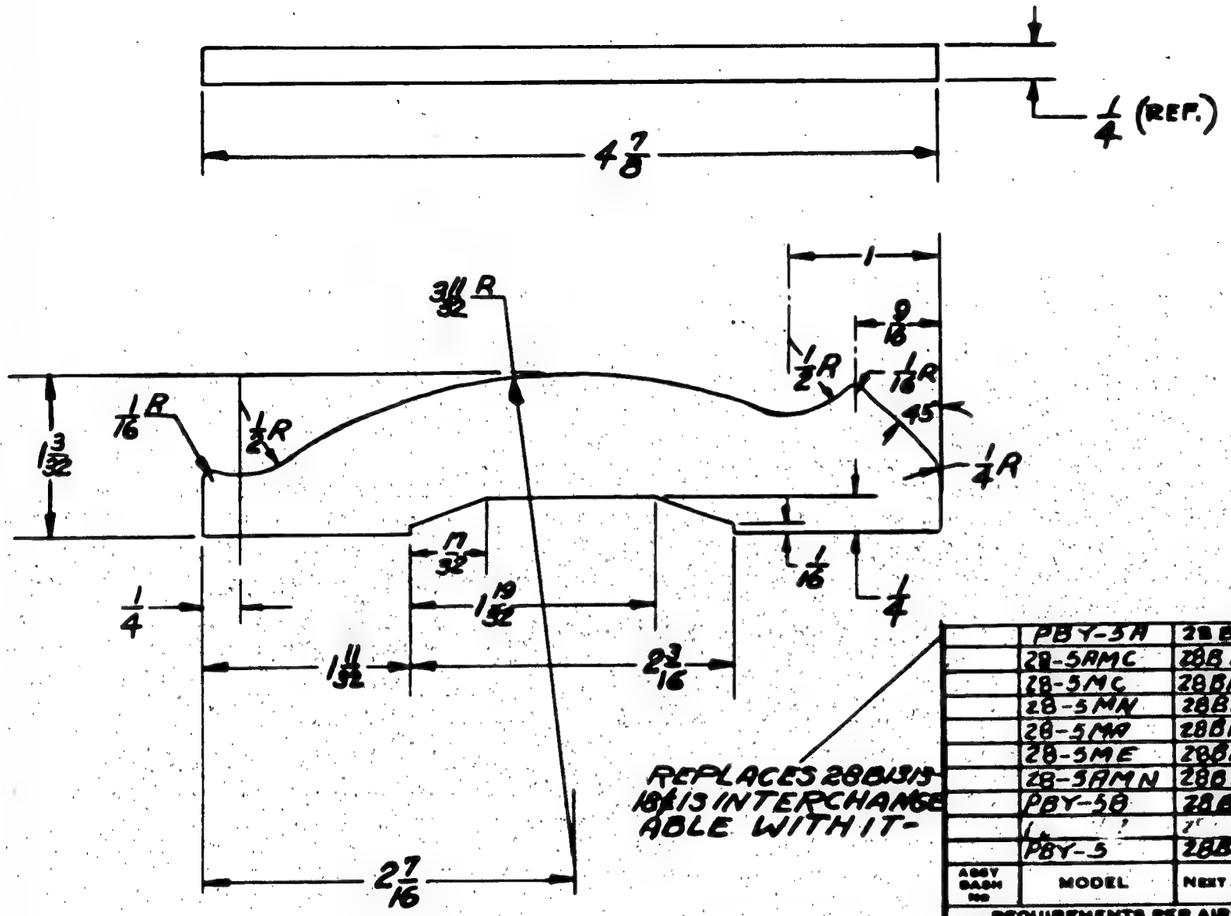
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28B5043

R

LET	ALTERATION	DATE	BY



REPLACES 28B1313 18B13 INTERCHANGEABLE WITH IT-

	PBY-5A	28B1313	1
	28-5AMC	28B1313	1
	28-5MC	28B1313	1
	28-5MN	28B1313	1
	28-5MA	28B1313	1
	28-5ME	28B1313	1
	28-5AMN	28B1313	1
	PBY-5B	28B1313	1
	"	"	"
	PBY-5	28B1313	1
ASSY DASH NO	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

REPLACES .06 CALC WT.

REPLACED BY ACT. WT.

CHECK ON DRAWINGS UNLESS OTHERWISE DESIGNATED ± 1/32

SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

NOTE:
THIS REPLACES 28B1313-18
& IS INTERCHANGEABLE WITH IT.

PURCHASE TO DWG.

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	@ 1/4 x 1 1/4 x 3	PHENOLIC FABRIC	MIL-P-15037 FBGMS	-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC		2-20-42	Kerr	Dahlin Sullivan
NAVY NONE	NONE	STREED		H 2-26-42
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.

Klein	Weld 2/24/42		
2-25-42	Von Norden		
MAT	APPROV	ENG	

NAME BLOCK-HULL-REVOLVING CIRCULAR WINDSHIELD BAIL

OPP. HAND

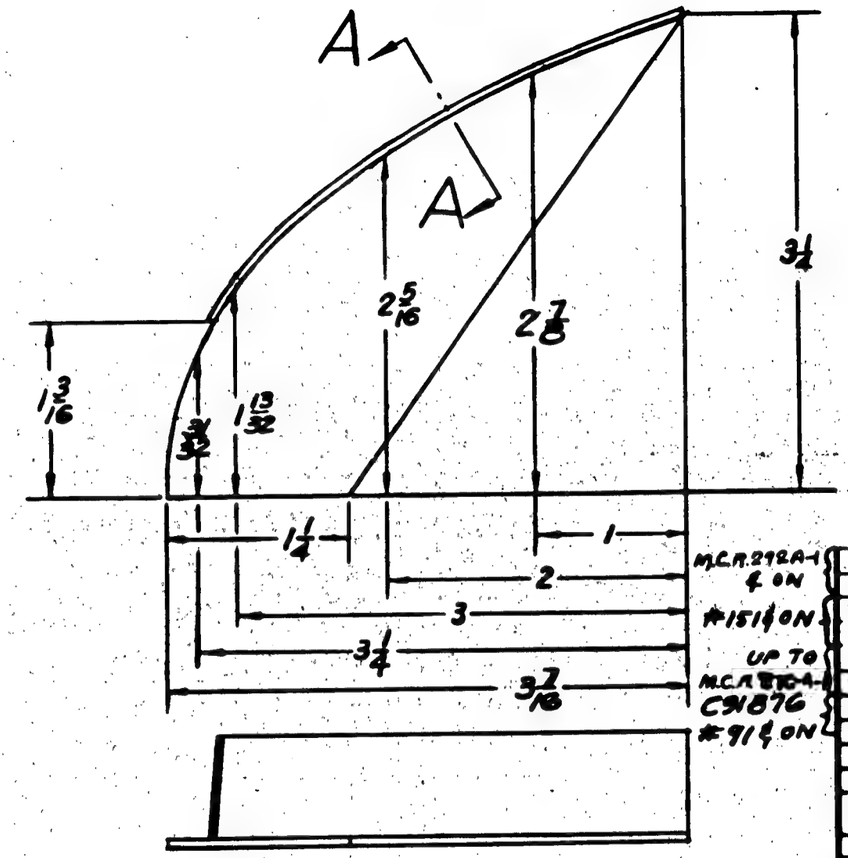
DWG. B SIZE 28B5052

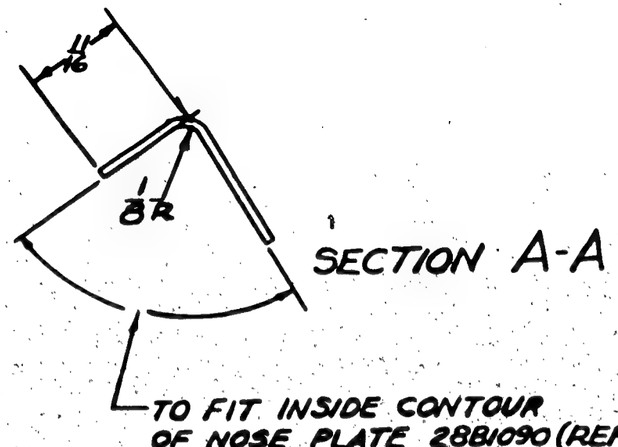
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

R 2-27-42

J Sullivan 2/23/42

LET	ALTERATION	DATE	BY
A	IN REQ. PER AIRPL. B/K: LIMITED REQ. FOR PBY-5A (NA 2885184) UP TO M.C.R. 272-A-1		
	ADDED REQ. FOR PBY-5A (NA 2885810)		
	(-L & -R REQ.) NO W'T CH'G.	9-9-43	ERICKSON





SECTION A-A

TO FIT INSIDE CONTOUR OF NOSE PLATE 28B1090 (REF.)

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP GREEN PRIME

-R	PBY-5A	28B5810	1
-L	PBY-5A	28B5810	1
-R	PBY-5B	28B5186	1
-L	PBY-5B	28B5186	1
-R	PBY-5A	28B5186	1
-L	PBY-5A	28B5186	1
-R	PBY-5	28B5186	1
-L	PBY-5	28B5186	1

ASSY. DASH NO.	MODEL	NEXT ASSY.	QTY

REQUIREMENTS PER AIRPLANE

REPLACES -R. 28B5186 -L. 28B5186 Chge W't

REPLACED BY ACT WT

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.051 x 5 x 5	ALCLAD	24ST-T	-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC		STREED	ZUCK	GERBER			ZUCK
NAVY NONE	Z-P-GP	6-11-42		MITCHELL 6/16/43	CUSTER		WOLD
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME GUSSET-HULL-NOSE PLATE

OPP. HAND 28B5058-R

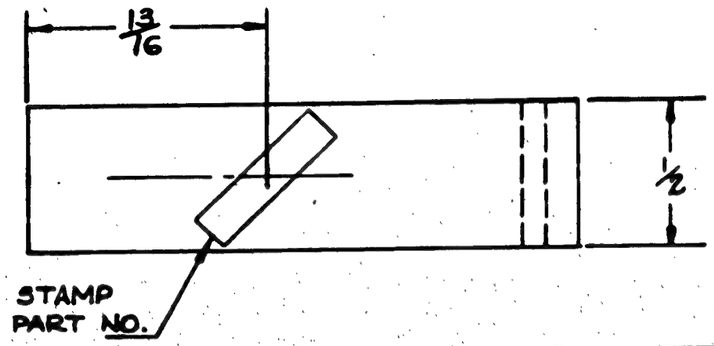
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

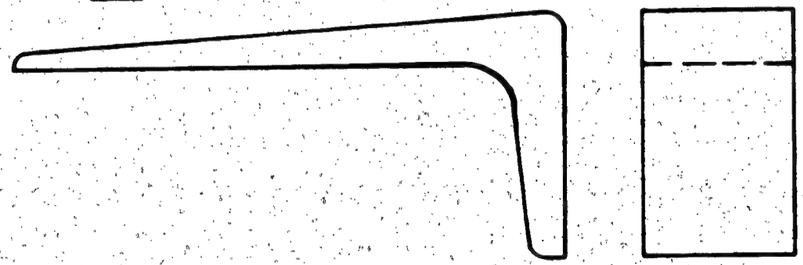
DWG. SIZE B

28B5059

R

LET	ALTERATION	DATE	BY
A	MAT'L. ALCOA EXT. 24ST WAS 2430. HEAT TREAT "NONE" WAS "ANQQ-H-186" NO WT. CHG.	3-5-43	[illegible]





CUT FROM ALCOA EXTRUSION XM-42-126

	B24E	28B1013	87
	B24D	28B1013	77
	PB2Y3	29L014	92
	PB2Y2	28B1013	05
	2H-5-AMN	↑	275
	PBY5B	↓	243
	PBY5A	↑	275
	PBY5	28B1013	243
ASSY. DASH NO	MODEL	NEXT ASSY.	DOO

REQUIREMENTS PER AIRPLANE

REPLACES 2881376 — .0185# CALC WT.

REPLACED BY — ACT. WT.

LIGHT ON SHADOWGRAPH UNLESS OTHERWISE SPECIFIED: + Xg — SCALE 24"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH RH REQ.	LH RH REQ.	LH RH REQ.	LH RH REQ.	LH RH REQ.
#	XM-42-126 X 3/4	ALCOA EXT. 24ST	49-A-354 COMM. 3C 4CA9-COND.T					
PARTS LIST PER ASSY.				-0	-2	-3	-4	-5

AC NONE	NONE	7-10-42	MC. LINN	GERBER	KENNEDY	ARMSTRONG	VANCE ZUCK
NAVY NONE	NONE	HASEL-DERBER		THOMSON WORDEN			FREEL
HEAT TREAT	FINISH	DRAFT	CHECK	STRUC-	MAT	APPROV.	ENG.

OPP. HAND

NAME HULL-DECK STRINGER CLIP-STRAIGHT

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — DWG. 28B5064

R

LET	ALTERATION	DATE	BY
A	ADDED VIEW A-A, "O" & "R" WAS -9 (2)	9-12-42	[illegible]
	ADDED NOTE "-6 ROTATED --- ASS'Y" (2)		
	28B5082R TO "OP HAND" NO WT. CHG.		

Ea. 84218

-6

Q4305-D3
C'SINK INSIDE
6 PLACES EQUALLY SPACED

28B1578
CEMENT TO 28B1582
WITH VULCALOCK

A.C. 366-DF 1032
AN 425-D3

FILE NUT ROUND TO FIT TUBE
#10 HOLE MAY BE DRILLED THRU
TO SIMPLIFY LOCATING NUT

DRILL "F" (.257) IN
LINE WITH NUT

-6

FINISH BLACK GLOSS ENAMEL — 3/4

7

1 3/16 R

1 3/16 R

28B1582

1/16

4 7/32

6 3/8

CHAMFER 45° X 1/64

CHAMFER 45° X 1/32

Q4303-D3
6 PLACES
EQUALLY SPACED

M.C.R.* 178(1)

M.C.R.* 23-16

-R	PBY-5A	28B5083	1	AN 425-D3
-L	PBY-5A	28B5083	1	Q4305-D3
-R	PBY-5	28B5083	1	Q4303-D3
-L	PBY-5	28B5083	1	AC366-DF1032
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.	28B1578
REQUIREMENTS PER AIRPLANE				28B1582

PART No	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-7	1 3/8 OD x .058 x 6 1/2	AL. ALLOY TUBE	44T28-T										
-8	.032 x 2 1/2 x 2 1/2	ALCLAD	47A8-T										

REPLACES 28B1584 — .19 GALS. WT.
REPLACED BY — ACT. WT.
SCALE 12" = 1'-0"
STAMP PART NUMBER WHERE SHOWN

AC
NAVY NONE
HEAT TREAT
Z-P & NOTED
FINISH
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.

NAME STEP-HULL LOWER FIN

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

OPP. HAND 28B5082-R.

DWG. B SIZE 28B5082

R

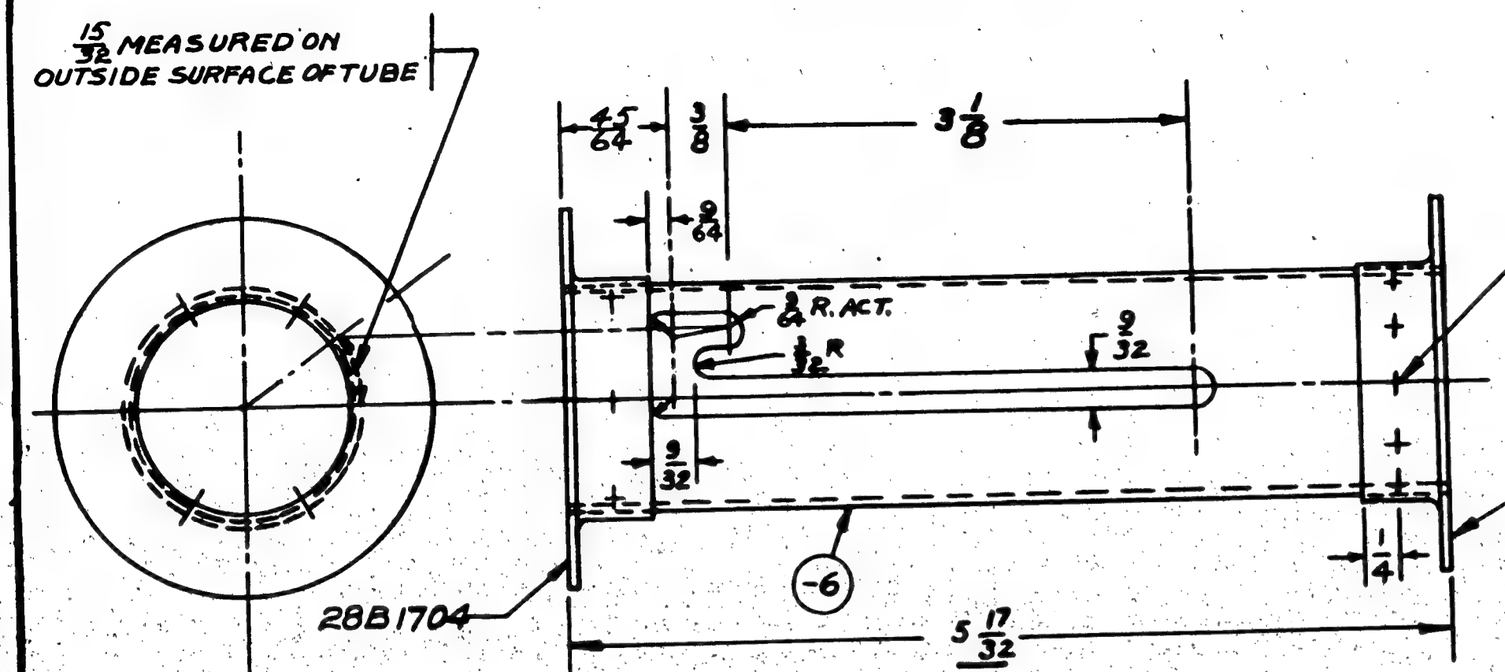
VIEW A-A

(A)

-6 (-6 ROTATED 180° FOR -R ASS'Y).

APPROVED FOR TOOLING BY
R. B. Humphreys.

LET	ALTERATION	DATE	BY
A	AN425-D4 WAS Q4303-D4. NOTE "AN425D4 EQUALLY---OPPOSITE SIDE," WAS Q4303-D4 EQUALLY--- OPPOSITE SIDE." NO WT. CHG	9-25-43	[illegible]



(A) AN425-D4 EQUALLY SPACED ON EACH END WITH (4) ADDITIONAL RIVETS ON THIS END LOCATED AS SHOWN 2 ON SIDE OF SLOT & 2 ON OPPOSITE SIDE.

C.A.C. CHG. #2346

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28B5083	2
	PBY-5	28B5083	2

REQUIREMENTS PER AIRPLANE

REPLACES 2881583 — .25# CALC. WT.

REPLACED BY — ASY. WT.

± 1/32 — SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN425-D4				2									
2881704				1									
-6	.049x1½OD x 6	AL. ALLOY TUBE	24ST89-T										
				-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC			MARVIN	Stress	Detail		Layout	Tool
NAVY None	Z-D-GD	7-30-42			8-5-42		8-17-42	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME TUBE- HULL LOWER FIN STEP

OPP. HAND

SIZE B — DWG. 28B5084

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

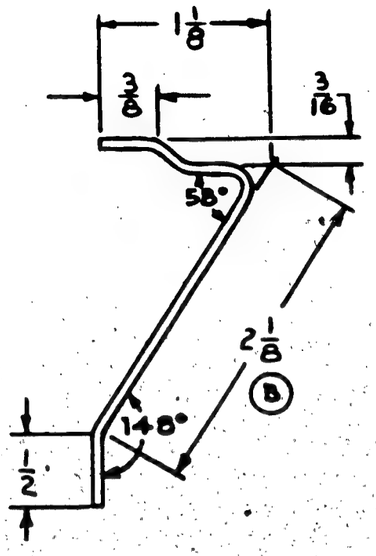
APPROVED FOR TOOLING BY P.B. Humphreys.

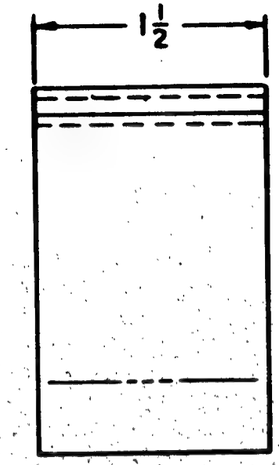
28B5084

E.O.A92669

LET	ALTERATION	DATE	BY
A	REDRAWN & REDESIGNED, CHG'D.		
	STOCK SIZE FROM .080 AL ALLOY		
	TO .064 x 1 5/8 x 4.	3-20-39	DeGraff
B	REMOVED 1 & 2 DIMS. ADDED		
	1 1/8 & 2 1/8 DIMS. NO WT. CHG.	5-20-43	[illegible]

28B5132





	28-5AMN	28B2009
	28-5AMC	28B2009
	28-5MN	28B2009
	28-5ME	28B2009
	28-5MC	28B2009
	28-5MA	28B2009
	PBY-5B	28B2009
	PBY-5A	28B2009
	PBY-5	28B2009

ASSY DASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES 28B5132 OF 12-8-38 — CALC WT. .04

REPLACED BY — ACT. WT.

LAYOUT OR ENGINEERING WORK TO OTHERWISE DIMENSIONS — SCALE 12" = 1' 0"

± 1/32

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.064 x 1 5/8 x 4	ALC. 24ST	47A5-T	-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC		GEORGE	(Lantern Green)						G
NAVY NONE	Z-P-GP	12-8-38	2-15-37		Boyd				R
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG		

NAME CATCH – SLOT COVER REVOLVING CIRC. WINDSHIELD

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

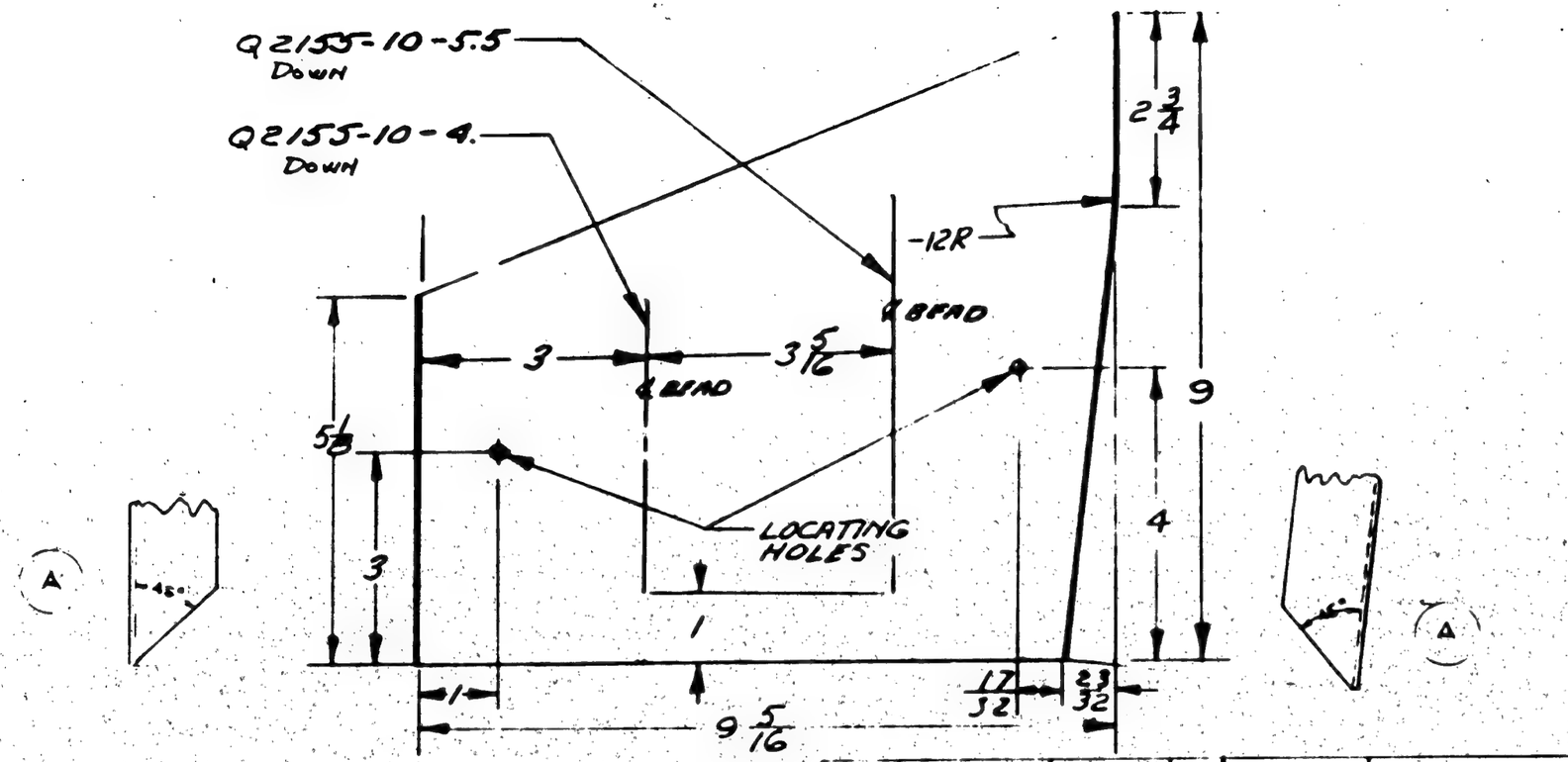
OPP. HAND

DWG. SIZE B — 28B5132

R

E.O. A 3585
PBY 5

LET	ALTERATION	DATE	BY
A	REMOVE CORNERS ON FLANGE	4-21-41	COPENHAGEN
	ALL DETAIL TO FC OF DWG		



FLANGES 1/16" (INSIDE)
ALL BEND RADII 3/32

ALL DIMS TO INSIDE OF FLANGES

R	PBY-5	28B5141R	1
	PBY-5	28B5141L	1
ASSY DASH NO	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

REPLACES — Calc Wt

REPLACED BY — Act Wt

Limit on Undimensioned Radii Otherwise Specified: 1/32

SCALE: C"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC
	.051 x 10 x 12	ALCLAD 3NT ALUMINUM	

PARTS LIST PER ASSY.

LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-0		-2		-3		-4		-5	

AC						
NAVY 5X-53T	Z-P-HP			17-1-39		R
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT.	APPROV	ENG

NAME SUPPORT-HULL-ENTRANCE STEP-FRONT

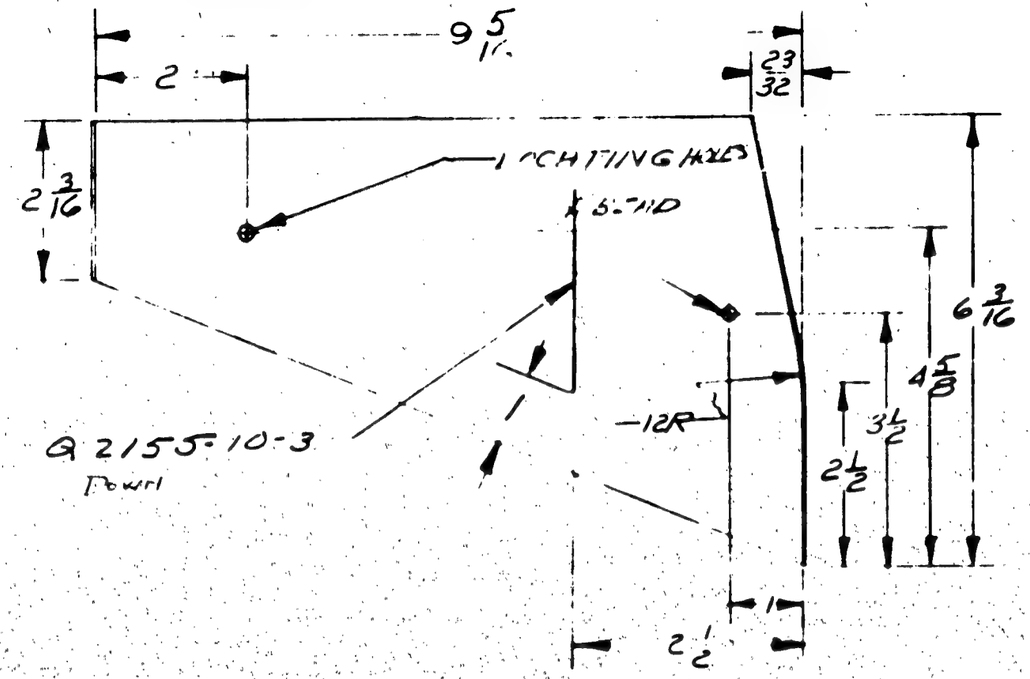
OPP. HAND 28B5140R

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

DWG. B SIZE 28B5140

F

LET	ALTERATION	DATE	BY



FLANGES 4" (INSIDE) 3/32 BEND RADII

ALL DIMS TO INSIDE OF FLANGES

ABBY DASH No	MODEL	NEXT ASSY	QTY
R	PBY-5	28B5141R	1
	PBY-5	28B5141L	1

REQUIREMENTS PER AIRPLANE

REPLACES .324 CALC WT

REPLACED BY ACT WT

LIGHT ON BLUEPRINTS WHEN OVERHANG SPECIFIED 1/32

SCALE 6"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART No	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
	.051 x 8 x 12	DURAL	47A10A										

PARTS LIST PER ASSY.

AC									
NAVY SR53 T	Z-P-2AP	11-15-39			11/16/39				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG		

NAME SUPPORT-HULL-ENTRANCE STEP-REAR

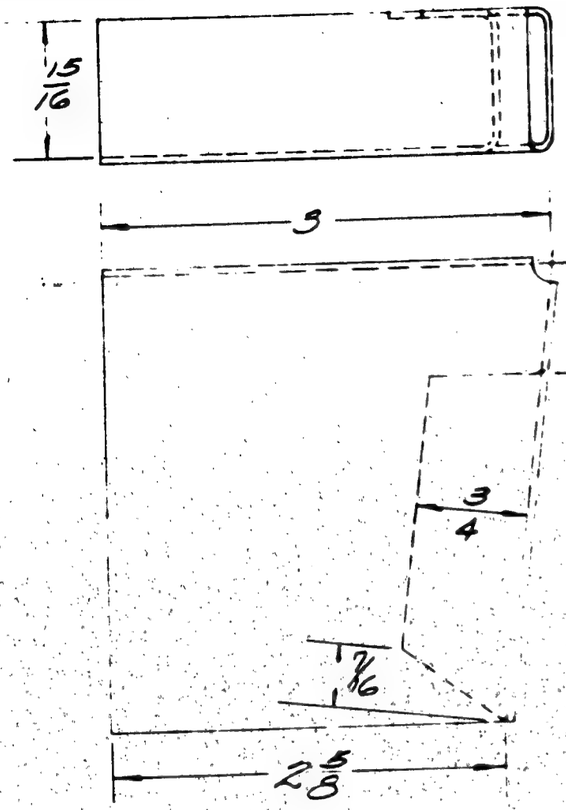
OPP. HAND 28B5143R 1

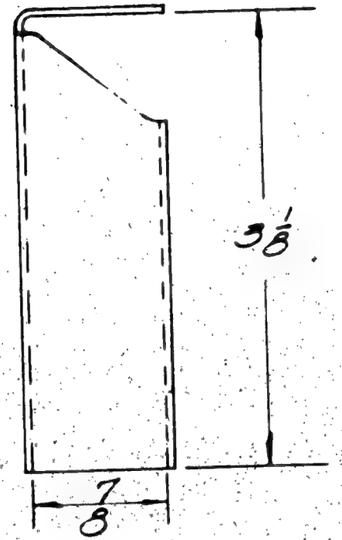
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF

DWG. SIZE B

28B5143

LET	ALTERATION	DATE	BY





L.H. SHOWN
R.H. OPPOSITE

BEND RADII TO BE 1/8

L/R	PBY-5	28B160C	1/11
ASSY DASH NO	MODEL	NEXT ASSY	REV

REQUIREMENTS PER AIRPLANE

REPLACES — CALC WT

REPLACED BY — ACT WT

LAYOUT OR DIMENSIONED DRAWING DIMENSIONS SHOWN — SCALE 1/32 — 12 = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	T	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
5	.051 x 4 1/4 x 5	AL AL SHT.	47A1D		-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC		VOL/SHT	LOC						
NAVY NONE	Z-P								
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG		

NAME BRACKET-HULL-BULKHD
F.S. 0-GUNNERS FLOOR ATTACH.

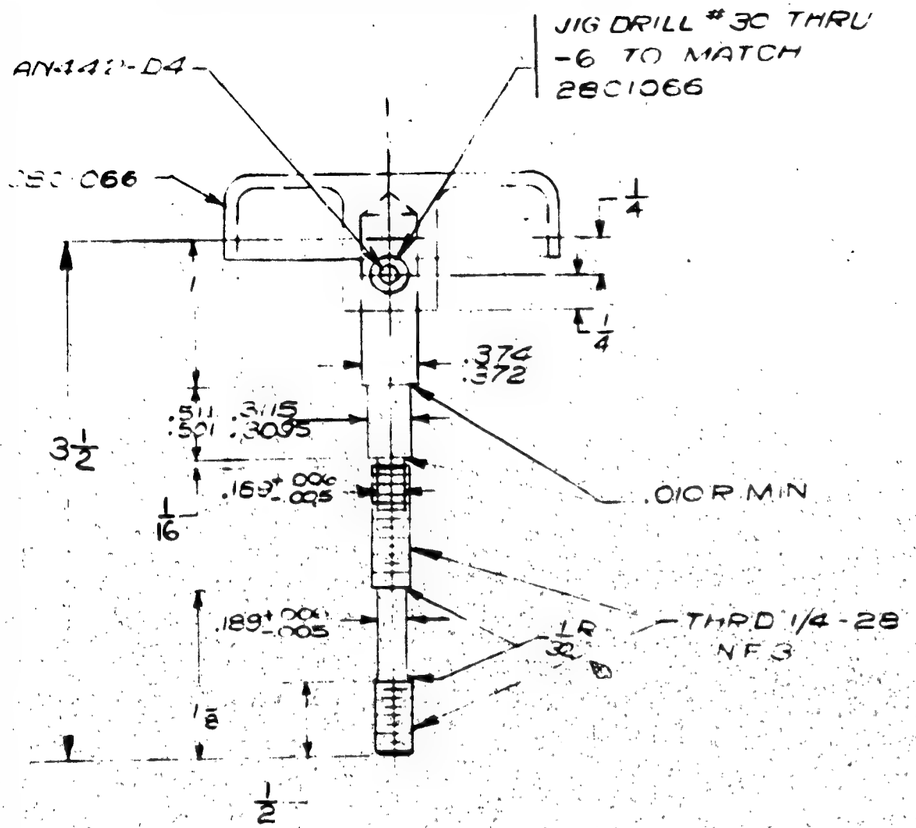
CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

OPP HAND 28B5147-R

DWG B SIZE 28B5147

LET	ALTERATION	DATE	BY
F	TRACED. NO WT. CHG.	10-1-43	WEELEN

28B5/49



NOTE DIMS. ARE AFTER PLATING

MAT'L NOTE:- MAT'L FOR [illegible]
1 MAGS BRONZE ROD SPEC 46B15
"L A COND H.H
2 PHOSPH BRONZE ROD SPEC 46B14

ASSY DASH NO	MODEL	NEXT ASSY	REQ'D
	PBY-5B	28B2[illegible]	2
	PBY-5A	28B2[illegible]	2
	PBY-5	28B2[illegible]	2
	28-5ME	28B1269	2
	28-5MC	28B1269	2
	28-5MA	28B1269	2
	28-5MN	28B1269	2
	28-5AMN	28B1269	2
	28-5AMC	28B1269	2

REQUIREMENTS PER AIRPLANE

REPLACES [illegible] Calc Wt

REPLACED BY Act Wt

Limit on Undimensioned Dims. Otherwise Specified ± .03 — SCALE 12" = 1' 0

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
A-442-1A													
28C1066 -6	NOTED	NOTED	NOTED	1									

PARTS LIST PER ASSY

AC		W. Jones	L. GS	MILLER	C S	H. AZ	A
NAVY NONE	NOTED	11-20-39				11-29-39	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG

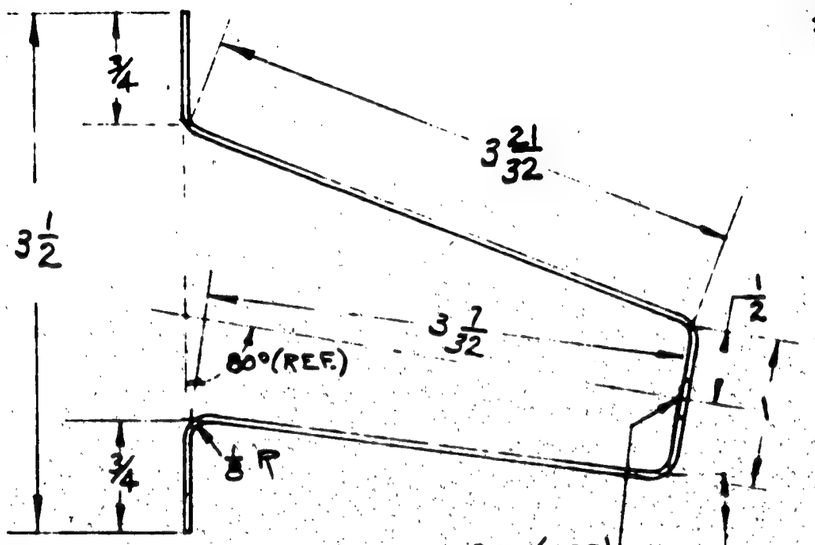
NAME [illegible]-HOLE-PILOTS
VENTILATOR-CONTROL ROD

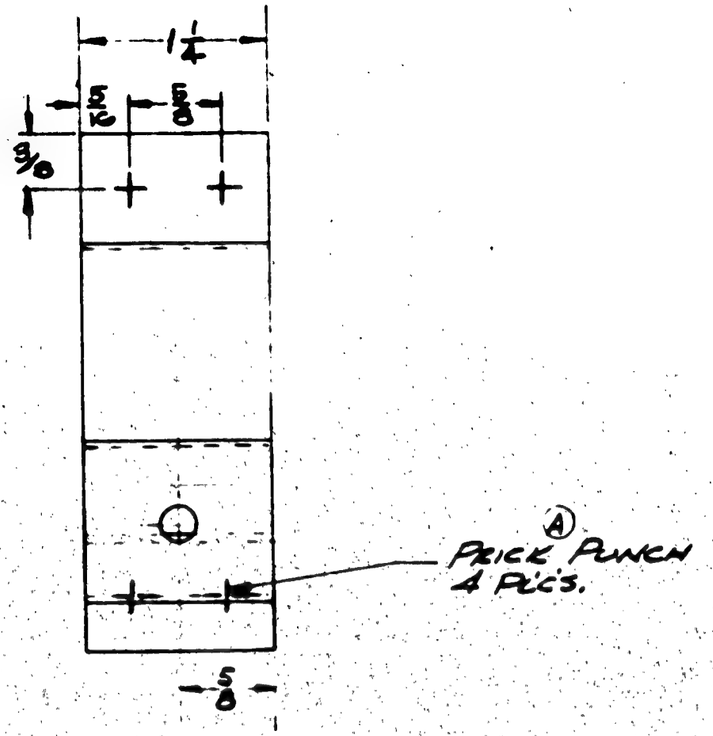
OPP. HAND

DWG. B 28B5/49 SIZE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

LET	ALTERATION	DATE	BY
A	ADDED PRICK PUNCH DIMS	2-28-40	[illegible]





ASSY DASH NO	MODEL	NEXT ASSY	QTY
	PBY-5	28B5131-R	1
	PBY-5	28B5137	1

REQUIREMENTS PER AIRPLANE

REPLACES .06 CALC WT

REPLACED BY ACT WT

LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED 1/32 | SCALE 12" = 1'-0

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -57	RH REQ. -57
	.051 X 1 3/8 X 10	ALC. SHT 47AB											

PARTS LIST PER ASSY.

AC		JEWELL	LOS	[illegible]	[illegible]		
NAVY NONE	Z-P	1/9/40			1/9/40	[illegible]	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG

NAME BRACKET - HULL

OBSERVERS SEAT LOCKING - OUTB'D

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

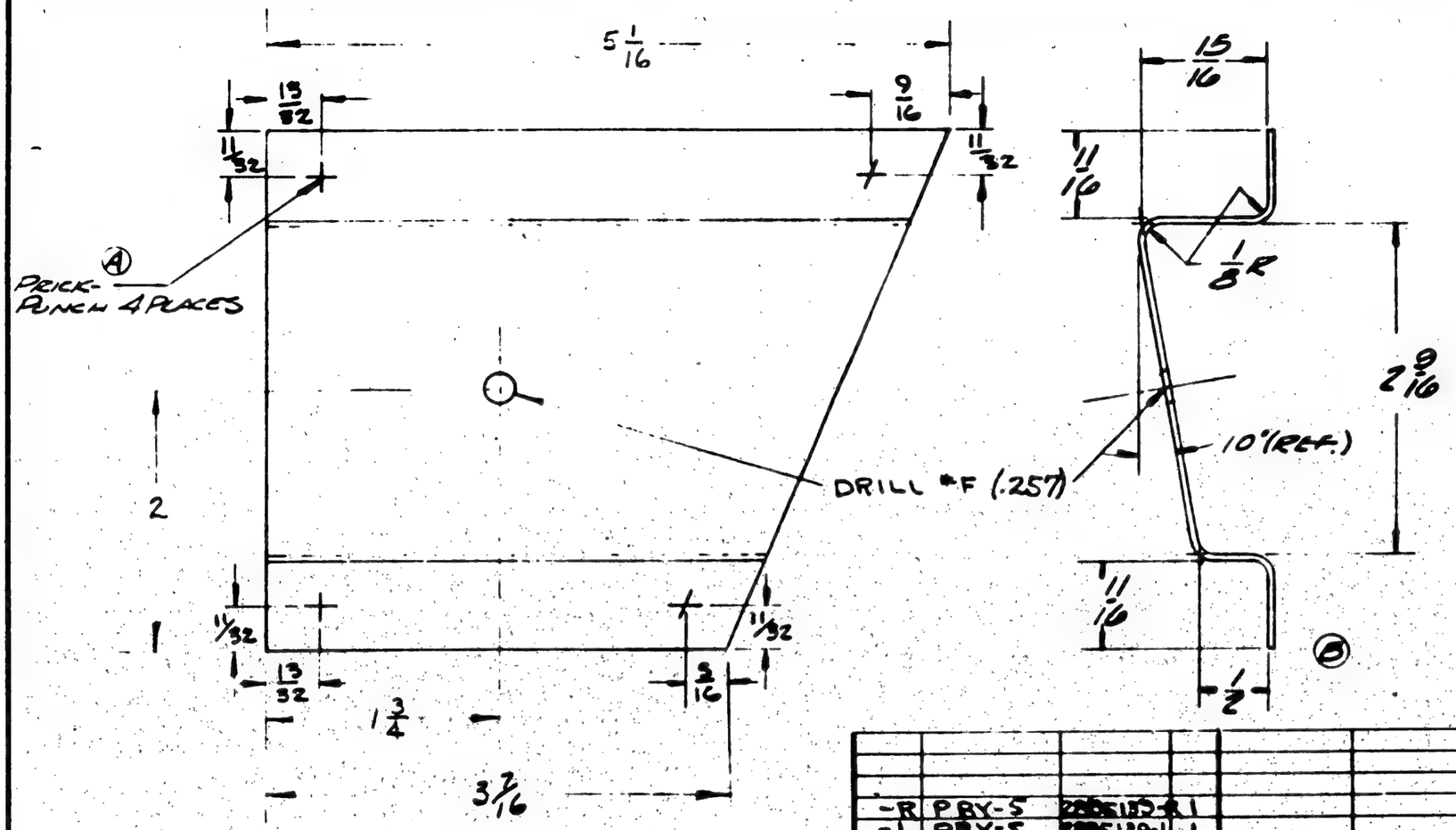
OPP. HAND

DWG. B SIZE

28B5151

R

LET	ALTERATION	DATE	BY
A	ADDED PRICK-PUNCH DIMS.	2-24-40	[illegible]
B	END VIEW INVERTED	1/11/40	[illegible]



-R	PBY-5	28B5157-R	1
-L	PBY-5	28B5157-L	1
ASSY BASH NO.	MODEL	NEXT ASSY	QUAN

REQUIREMENTS PER AIRPLANE

REPLACES — Cale Wt

REPLACED BY — Assy Wt

Light on Drawing Unless Otherwise Specified: 1/32 — SCALE 12" = 1-0

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.040X5 11/16X5 5/8	ALC. SHT	47AB										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5T	

AC		Jewell		Geo				
NAVY NONE	Z-P-AP	1/13/40			1/18/40	1/19/40		R
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG	

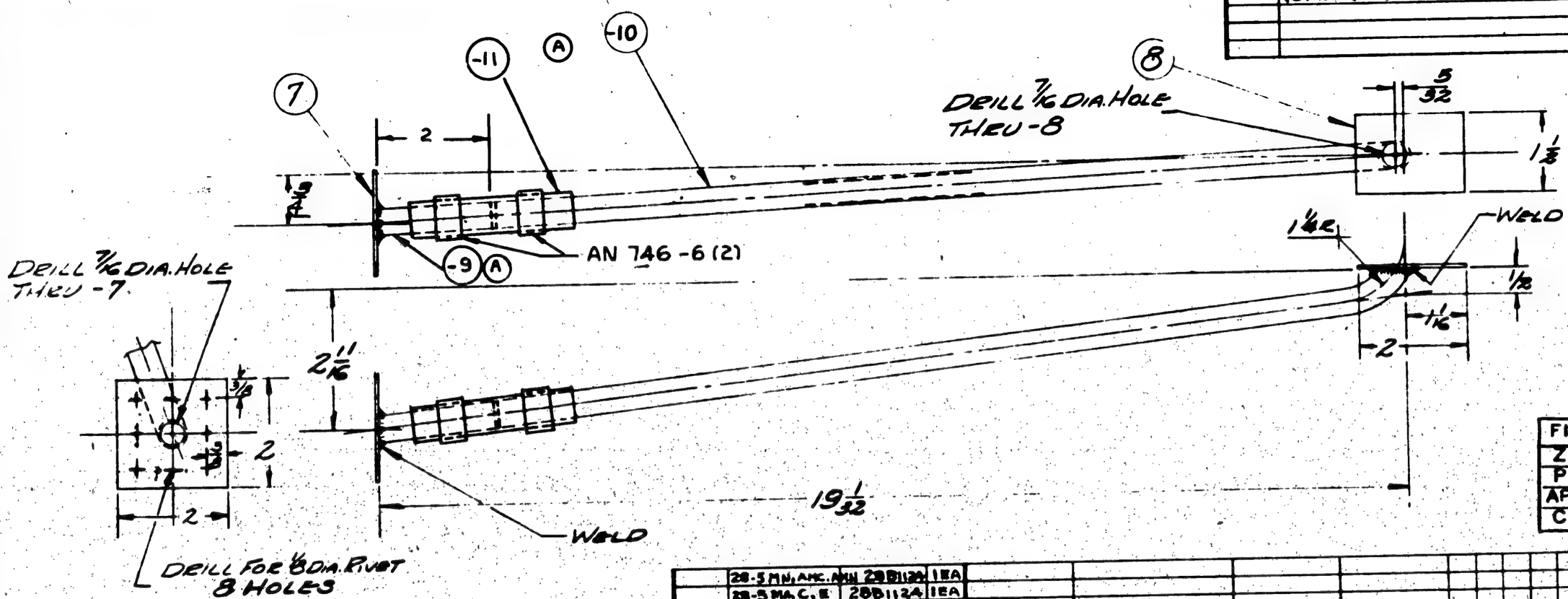
NAME BRACKET - HULL OBSERVERS SEAT LOCKING - INB'D.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF

OPP HAND 28B5157-R

DWG B SIZE 28B5157

LET	ALTERATION	DATE	BY
A	ON FACE & BTM. REM. -6, ADDED		
	-9, -10, -11 (1) EA & AN 746-6		
	(2) REQ. WT. CHG. NEG.	10-FEB-43	THARP



FINISH CODE	
Z	ANOD'C TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

	28-5 MN, ANC. MN	28B1129		1EA
	28-5 MA, C, E	28B1124		1EA
	PBY-5B	28B1129		1
	PBY-5A	28B1124		1
	PBY-5	28B1124		1
ASSY DASH NO	MODEL	NEXT ASSY.		REQ.

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT

REPLACED BY — ACT. WT

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: 1/32 — SCALE: 6" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN 746-6				2									
-11	1/2 I.D. x 3/4 O.D. x 3	RUB. H. HOSE	COMMERCIAL	1									
-10	1/2 O.D. x .042 x 18 3/8	AL AL TUBE 52S0	44T32-TEMPER	1									
-8	.064 x 1 3/4 x 2 1/4	AL AL SHT-52S0	44T31-TEMPER	1									
-7	.064 x 2 1/4 x 2 1/4	AL AL SHT-52S0	44T31-TEMPER	1									
-9	1/2 OD x .042 x 2 1/8	AL AL TUBE-52S0	44T32-TEMPER	1									

PARTS LIST PER ASSY.

AC			29 DEC 40	LOG					
NAVY None	Z-P DIP AP OUTSIDE								
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.		

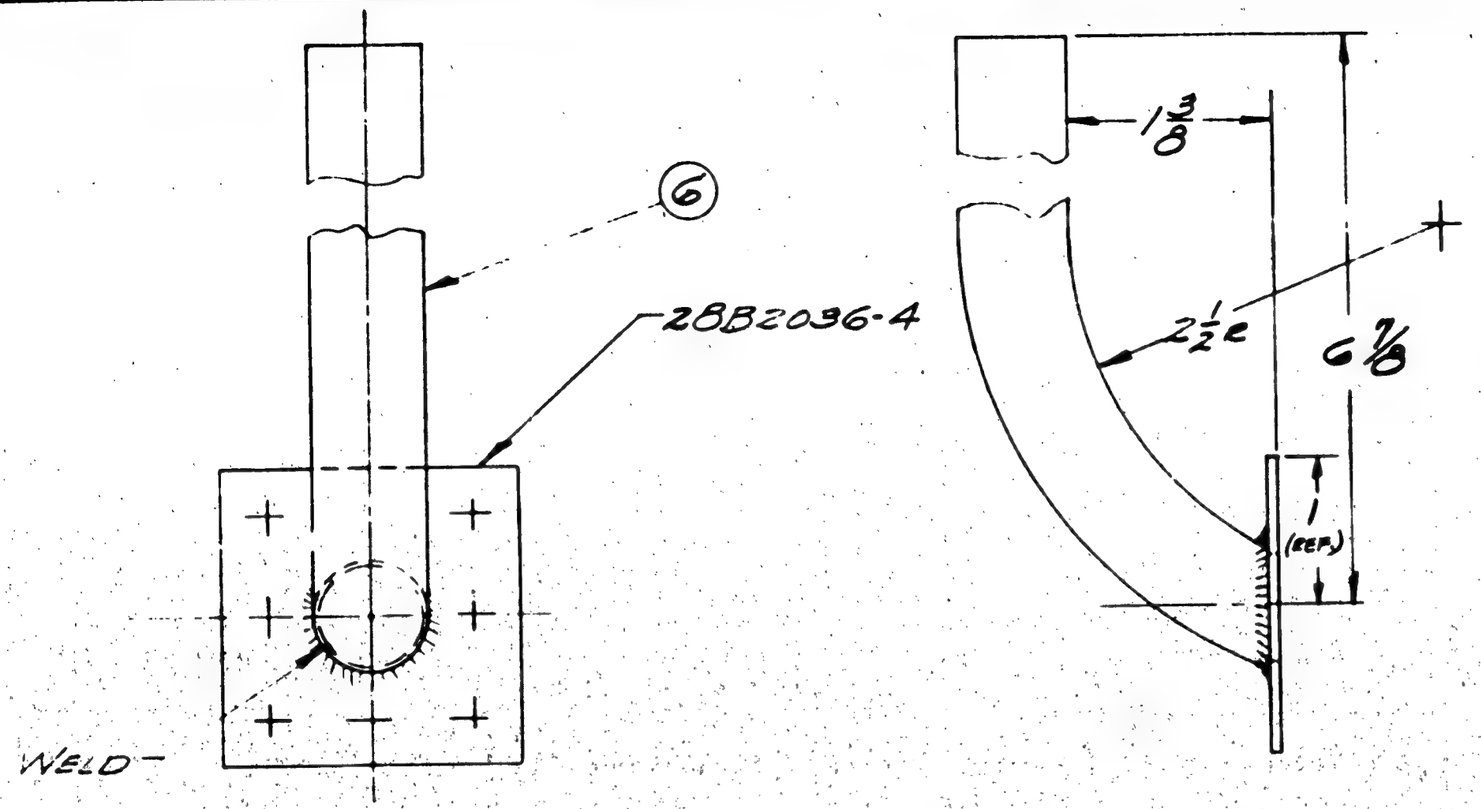
NAME DRAIN-HULL-BOW GUN TURRET

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28B5158

LET	ALTERATION	DATE	BY
A	MATR'L. 3/4 O.D. X .035 WAS 5/8		
	O.D. X .028. WT. CHG. NEG.	7-4-42	Wilkin.



GP-GREEN PRIME

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY DASH NO	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28B1024	1
	28-5-S	28B1024	1
	PBY-5B	28B1024	1
	PBY-3	28B1024	1

REQUIREMENTS PER AIRPLANE

REPLACES .00 GALC. WT.

REPLACED BY AST. WT.

LIMIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED: 1/32 SCALE: 1 1/2" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
28B2036-4				1					
-0	3/4 x .035 x B	1/2 H. W. TUBE	44T12	1					

PARTS LIST PER ASSY.

AC				5-10-40	LSC				
NAVY NONE	2-P-2 Aft INSIDE OUTSIDE								
HEAT TREAT	FINISH GP	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.		

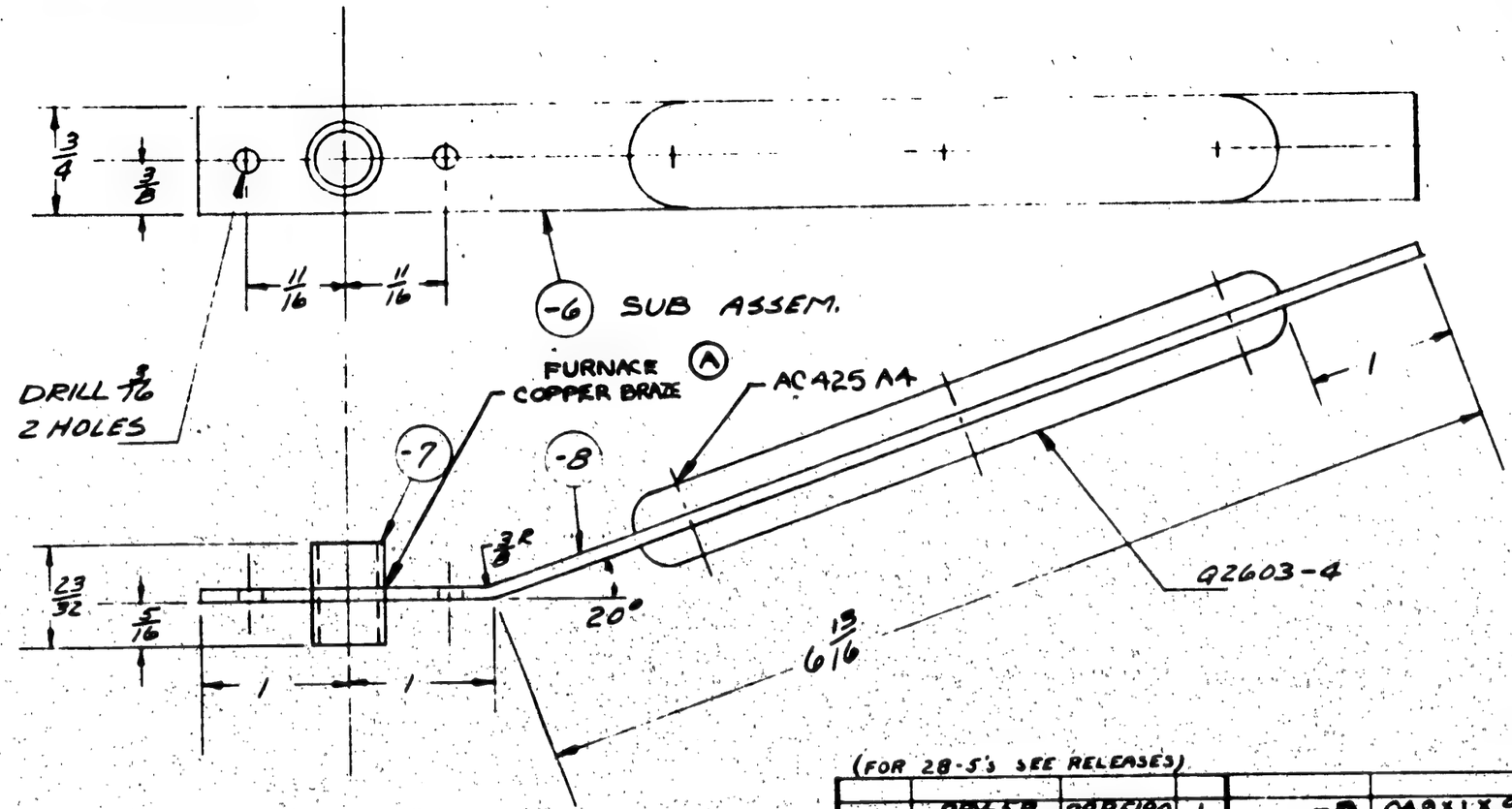
NAME TUBE-HULL-PILOTS ENCLOSURE WINDOW WELL DRAIN-LOWER-P.H. SIDE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

DWG. B SIZE 28B5160

LET	ALTERATION	DATE	BY
A	REMOVED WELD SYMBOLS;		
	REPLACED "WELD"		
	ε"-6 WELD ASSEM." WITH		
	"FURNACE COPPER BRAZE"		
	ε"-6 SUB ASSEM." WT.		
	CHG. NEG.	8-12-43	HARVEY



2486-2487-2488

825 OM

FINISH:
CAD. PLATE, P27 PRIMER, 2 BLACK LACQUER

(FOR 28-5's SEE RELEASES)

ASSY DASH NO	MODEL	NEXT ASSY	REQ
	PBY-5B	28B5180	1
	PBY-5A	28B5362	1
	PBY-5A	28B5180	1
	PBY-5	28B5180	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC WT .2

REPLACED BY — ACT WT

LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/2° 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-8	.049X1X9	C.M. STEEL	47B14	1									
-7	1/2 O.D.X.049X1	C.M. TUBE	47T18	1									
-6 SUB	ASSY.												
AC425A4													
Q2603-4				2									
-0	SUB ASSEM.			1									

PARTS LIST PER ASSY.

AC			1-40	10°		6'			
NAVY -6 125,000 #/in²	-6 C-P-28L		PRINT						
HEAT TREAT	FINISH		DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.	

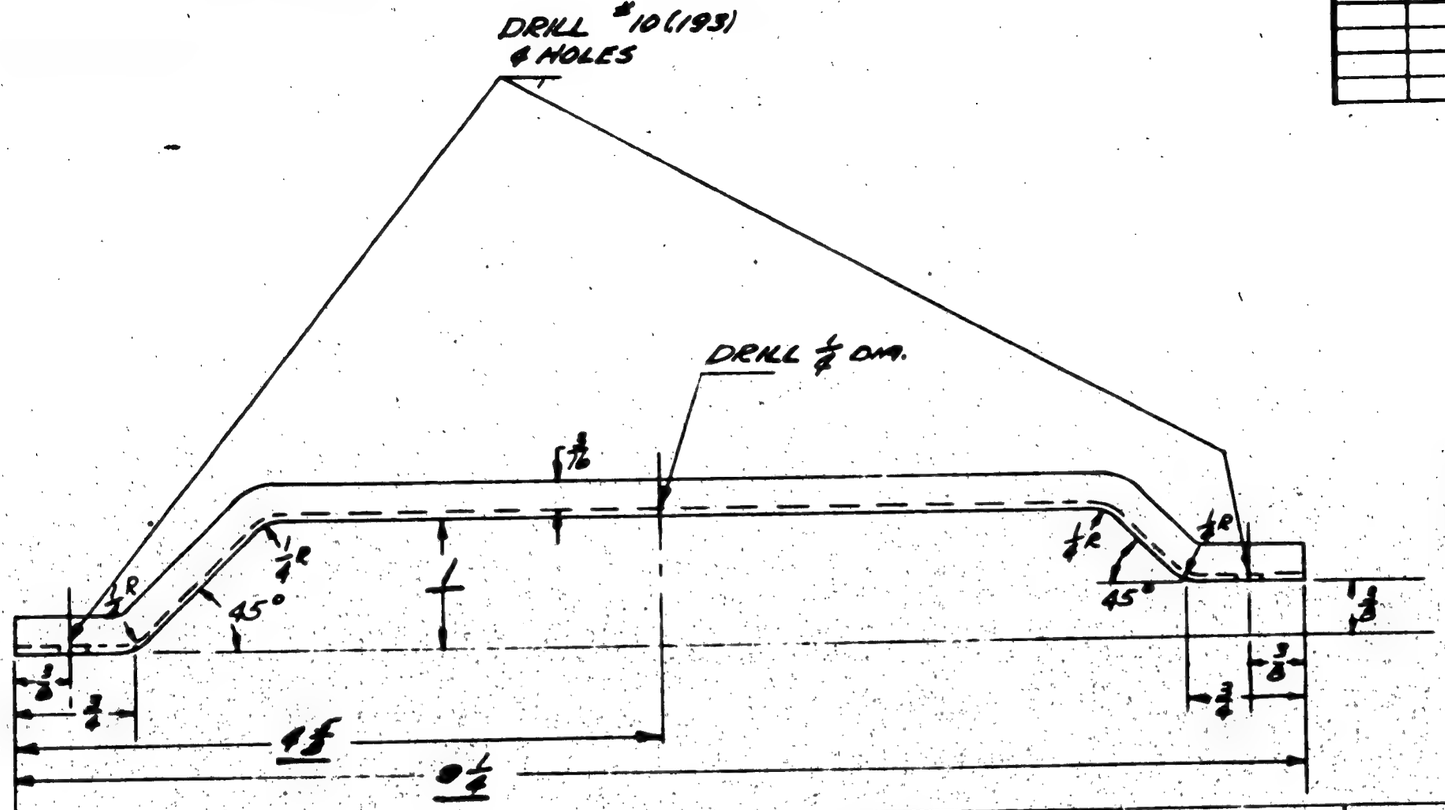
NAME HANDLE - HULL - BOMBER'S WINDOW COVER

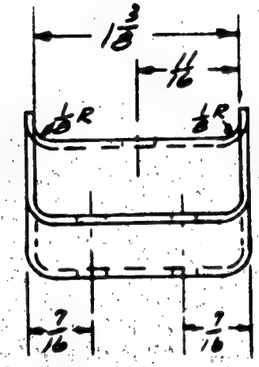
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

SIZE B — DWG. 28B5182

LET	ALTERATION	DATE	BY





G.P GREEN PRIME

FINISH CODE	
Z	ANODIC TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY DASH No	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28B5180	1
	PBY-5A	28B5180	1
	PBY-5	28B5180	1

REQUIREMENTS PER AIRPLANE

REPLACES — ADV. 1 Regd. Qty.

REPLACED BY — ADV. QTY.

LIST OR DRAWING UNLESS OTHERWISE SPECIFIED: 1/32 — SCALE: 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.064 x 8 x 19	2450 ALCL.	47A8 A	-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC								
NAVY 3R53	2-P-.. G.P.	F1-40 PRIMER	LOFT		R			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME CHANNEL - HULL-BOMBER'S WINDOW LOCK

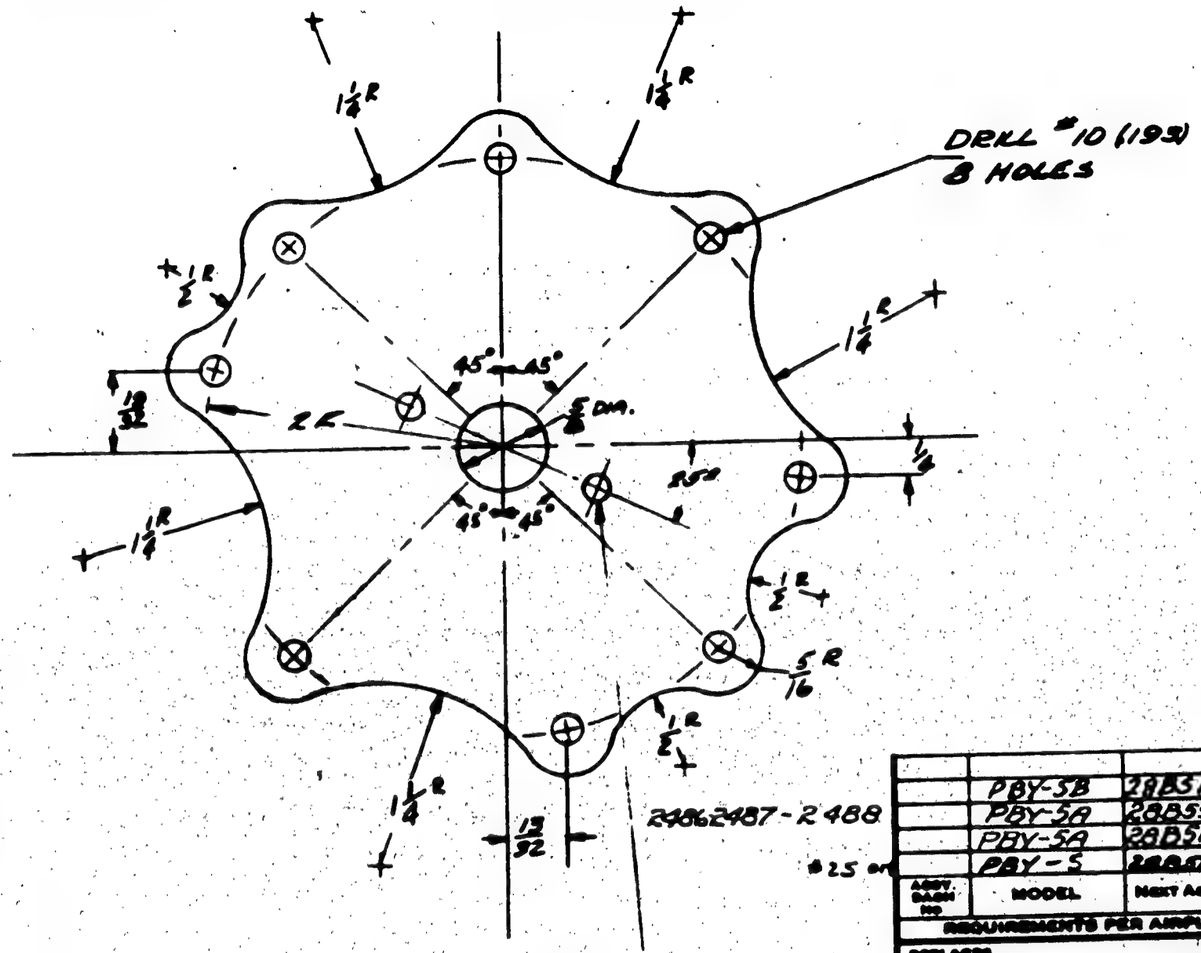
OPP. HAND

CONSOLIDATED AIRCRAFT CORP., SAN DIEGO, CALIF.

SIZE B — 28B5183

R

LET	ALTERATION	DATE	BY
A	ADDED TOLP #10 HOLES DRILLED AT ASSEMBLY OF BRACKET TO FITTING CASTING		



G.P.-GREEN PRIME

FINISH CODE	
Z	AN-30-C TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. DASH NO.	MODEL	NEXT ASSY.	QUA.
	PBY-5B	28B5180	1
	PBY-5A	28B5568	1
	PBY-5A	28B5180	1
	PBY-5	28B5180	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. .14

REPLACED BY — ACT. WT.

LAYOUT OR DRAWING NO. OR OPERATION SHEET NO. — SCALE 12"/1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.102 X 5½	24ST CLAD	47A10 T	1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		5-2-40	LSC					
NAVY	Z-P-6.P.	PRINT				4/6/40	4/6/40	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

OPP. HAND

NAME LEVER - HULL - BOMBER'S WINDOW COVER

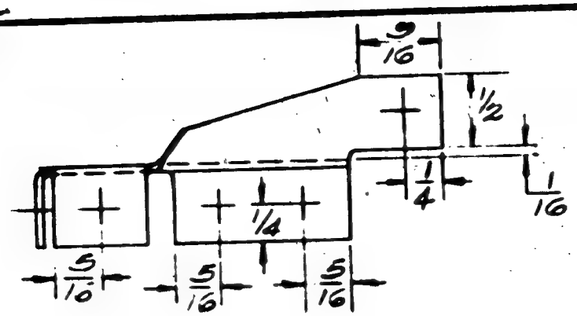
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

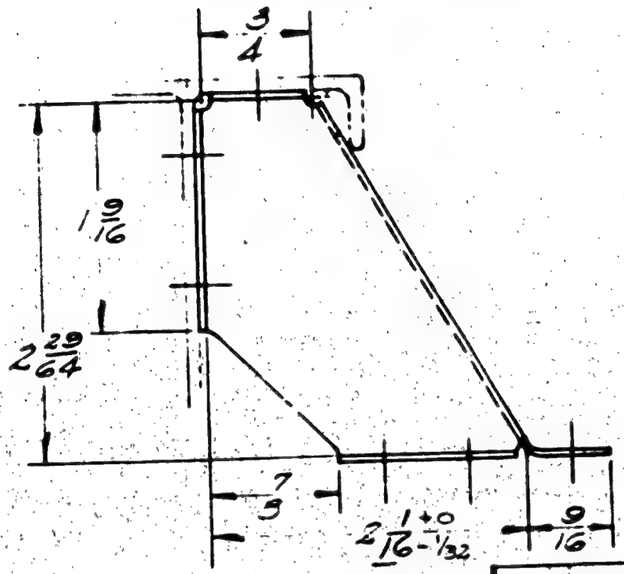
SIZE B — 28B5188

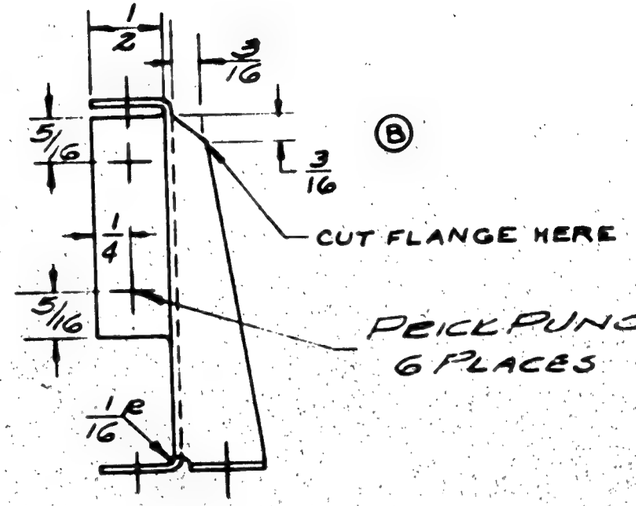
LET	ALTERATION	DATE	BY
A	2 RD CONST A THIS SHT SEE ... CONST 21	1-2-41	BADGLEY
	ADDED HEAT TREAT		
B	ADDED 3/16 DIM. ALSO "CUT FLANGE HERE." NEG. WT. CHG.	3-10-42	BADGLEY

E.O. 32087

E.O. A25375







ALL RADII TO BE 1/16

FINISH CODE	
Z	ANODIC TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

L & R	28-5 NA, MC, NN	28B1400	4 EA
L & R	28-5 ME	28B1400	4 EA
-R	PBY-5	28B1400	14
-L	PBY-5	28B1400	14
ASSY DASH NO	MODEL	NEXT ASSY.	QUAN.

28 ON
70 ON
CONT. 70492

REQUIREMENTS PER AIRPLANE

REPLACES .025 CALC. WT.

REPLACED BY ACT. WT.

ALLOW ON MACHINED SURFACES UNLESS OTHERWISE DIMENSIONED ± 1/32

SCALE 12=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-0	.040 x 3½ x 3½	24 S.D.	47A.C. and A										
-2													
-3													
-4													
-5													

PARTS LIST PER ASSY.

(A)

AC (A) NAVY 6R-55	Z-P-AP	DRAFT	CHECK	STRUCT	MAT	APPROV.	ENG
HEAT TREAT	FINISH		LOE				R

NAME BEACE-HULL-BULKHEAD COLUMN

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND 28B5196-R

SIZE B

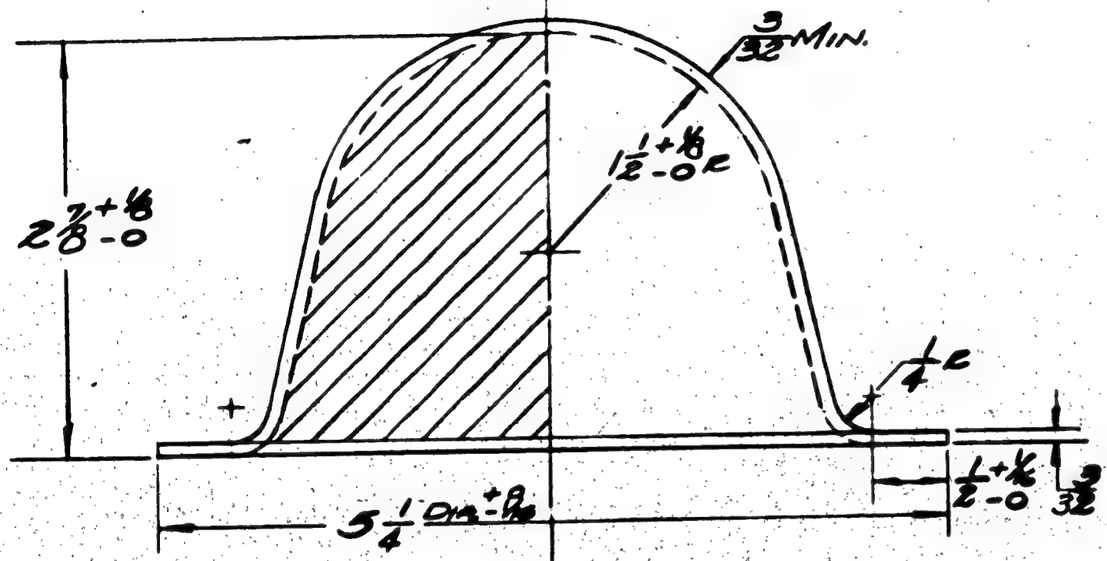
DWG. 28B5196

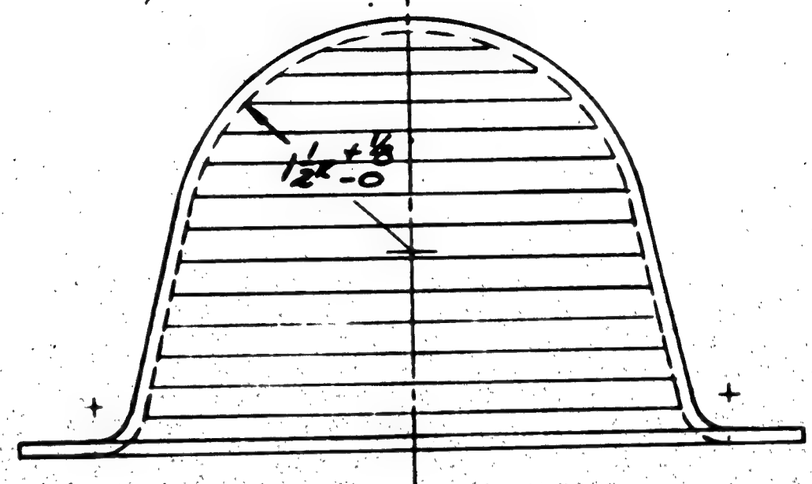
R

CONT. 91876

L & R	PBY-5		
L & R	PBY-5B	28B1400	14 R
L & R	PBY-5	28B1400	25
RH	PBY5A	28B5580	14 L
L & R	28-5 AMC, ANN	28B5580	14 L
LH	PBY-5A	28B5580	14 R

LET	ALTERATION	DATE	BY
A	CHANGED MATERIAL FROM PLEXIGLAS TO CELLULOSE ACETATE	9-24-40	WLF
B	IN P/M "NOTED" WAS "PLEXIGLAS OR EQUIV." TO FACE ADDED MAT. NOTE "1. BRO'T. REQ/AIR TO DATE. INT. CHG. NEG. 9-24-40		





NOTE—
SHADED AREA OF GLOBE TO BE MADE LIGHT PROOF BY PAINTING ALUM. ON INSIDE.

MATERIAL NOTE -
1.- MAT. MAY BE-
(A) PLEXIGLAS, SPEC P-41, GR. A, OR
(B) CELLULOSE ACETATE, SPEC P-41, GR. B.

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	28-5AMN	28B5205	2
	PBY-5A	28B5205	2
	PBY-5	28B5205K	1
	PBY-5	28B5205L	1

REQUIREMENTS PER AIRPLANE

REPLACES [illegible] .20 SHIP. WT.

REPLACED BY — ASY. WT.

LIST OR DRAWING UNLESS OTHERWISE SPECIFIED: NOTED

SCALE 18"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	NOTED	NOTED	NOTED	-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC — NAVY NONE — HEAT TREAT

SEE NOTE — FINISH

DRAFT 9-22-40 — CHECK — STRUCT. — MAT. 9/15/40 — APPROV. 9/24/40 — ENG.

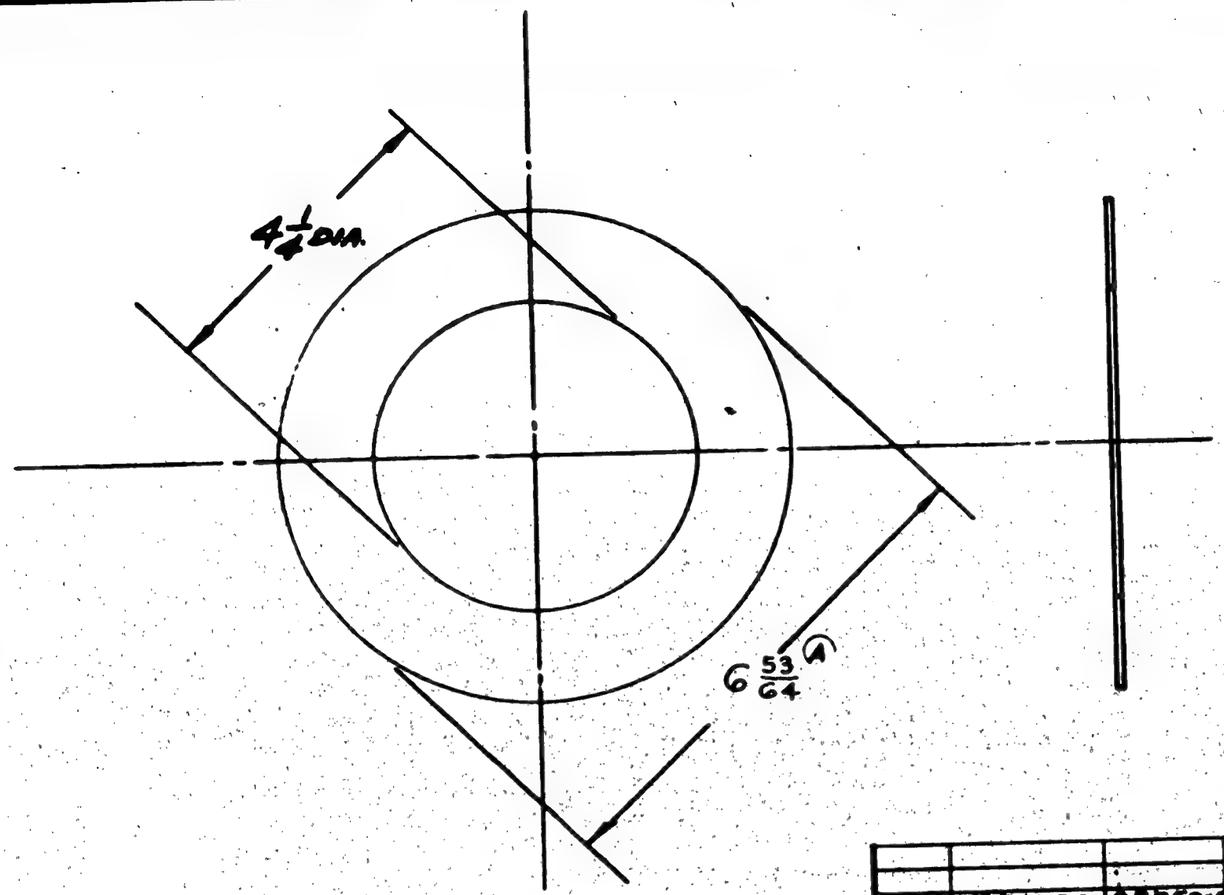
NAME GLOBE-HULL-SALVO SIGNAL LIGHT

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

SIZE B — 28B5207

LET	ALTERATION	DATE	BY
1	[illegible]	6-4-42	[illegible]



G.P. GREEN PRIME

FINISH CODE	
Z	ANOD.C TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY DASH No.	MODEL	NEXT ASSY.	QUAN.
	PBY-5A	28B5205	R
	PBY-5	28B5205	R1
	PBY-3	28B5205	L1

REQUIREMENTS PER AIRPLANE

REPLACES — GALS. WT.

REPLACED BY — ASY. WT.

SCALE 6 = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
[illegible]	[illegible]	AL. ALL. SHT. 61S-O [illegible]											

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC	G.P.	DRAFT	LOC		[illegible]	6/4/42	6/4/42	R
NAVY None	[illegible]							
HEAT TREAT	FINISH		CHECK	STRUCT.	MAT.	APPROV.	ENG.	

OPP. HAND —

NAME RETAINER RING - HULL
SALVO SIGNAL LIGHT GLOBE

DWG. B SIZE

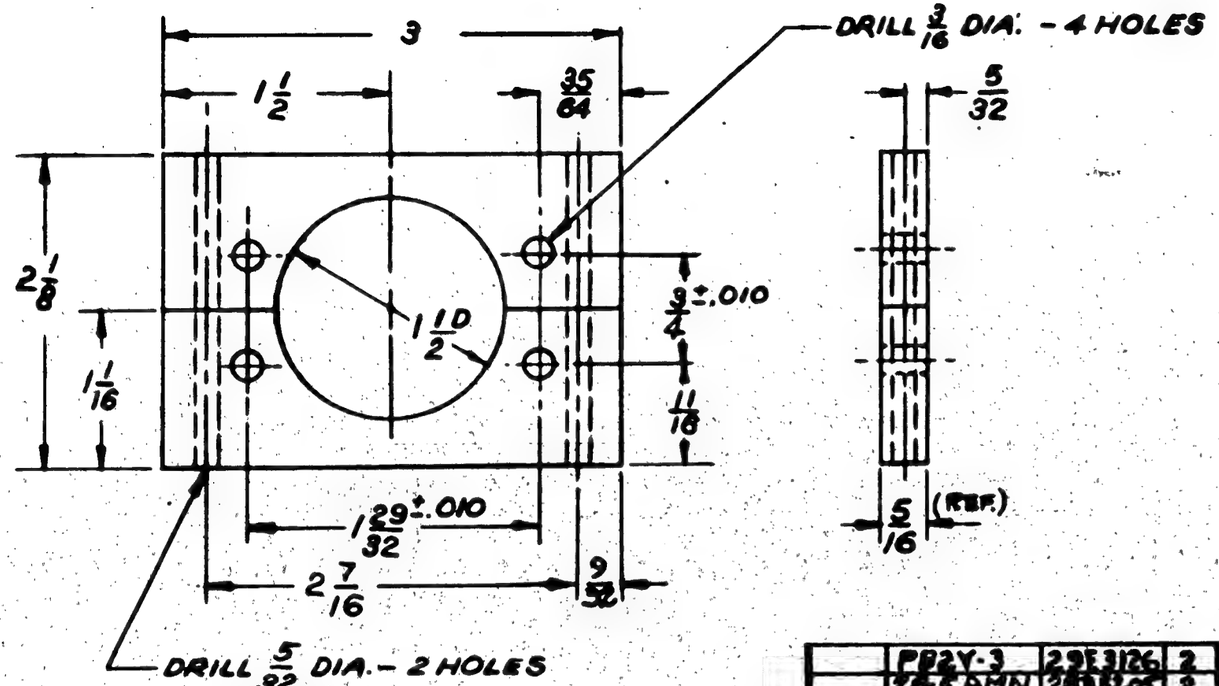
28B5208

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

R

LET	ALTERATION	DATE	BY
C	TRACED NO WT. CHG.	7-28-41	[illegible]

28B5209



ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ'D
	PBY-3	2953126	2
	PBY-3A MN	2953126	2
	PBY-5A	2886205	2
	PBY-5 [illegible]	[illegible]	2A
	PBY-5	2886206	1
	PBY-5	2886206L	1

25¢ ON

REQUIREMENTS PER AIRPLANE

REPLACED 2885209 of 5-6-40 — SHIP WT.

REPLACED BY — ASS'Y. WT.

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64 — SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	3/4 X 2 1/4 X 3 1/2	PHENOLIC	17AS-ABS-5										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

		PATTERN NO.	LOC			HPZ	R
AC							
NAVY		5-6-40					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME HOLDER - HULL - SALVO RELEASE SIGNAL - SOCKET

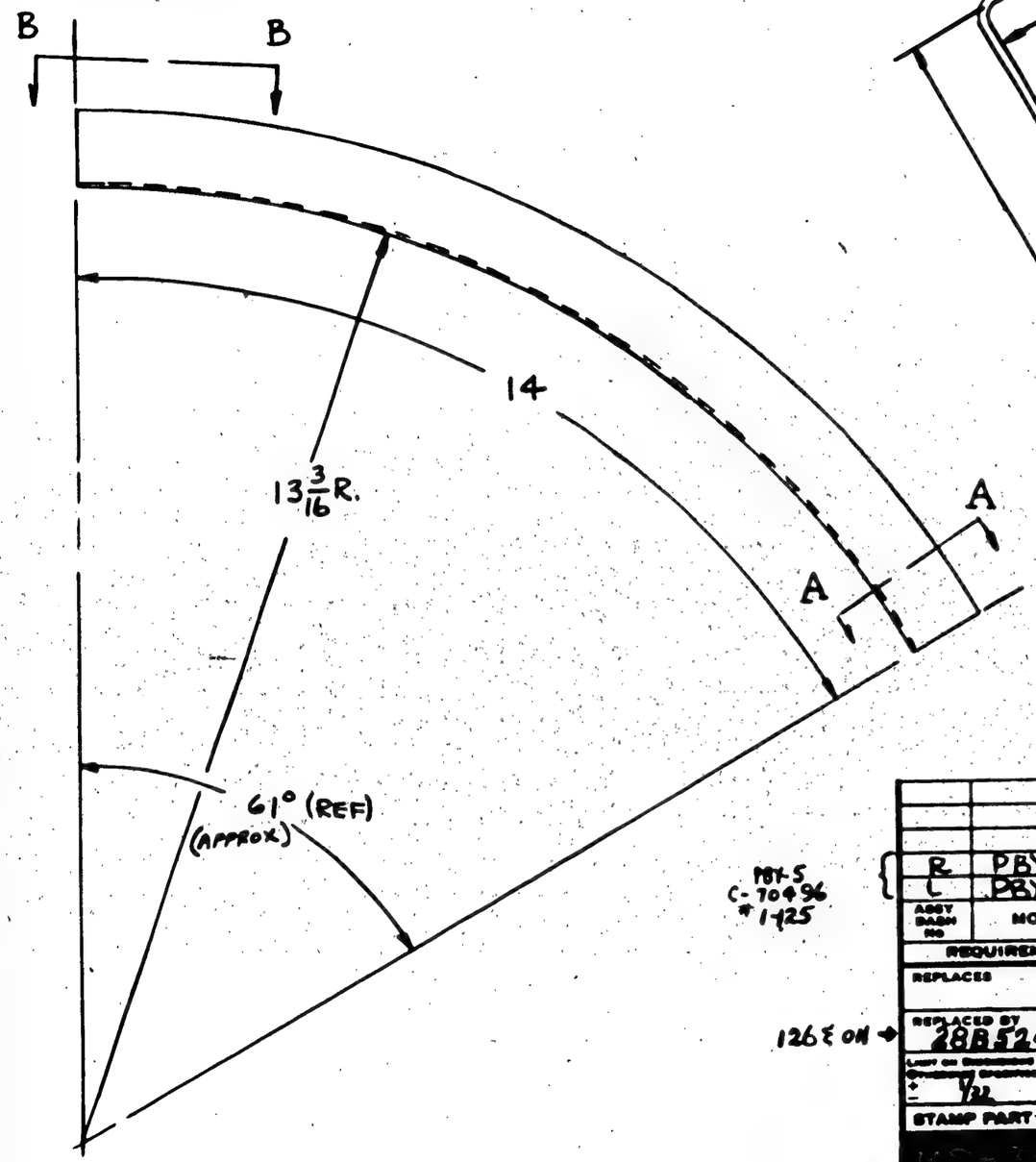
OPP. HAND —

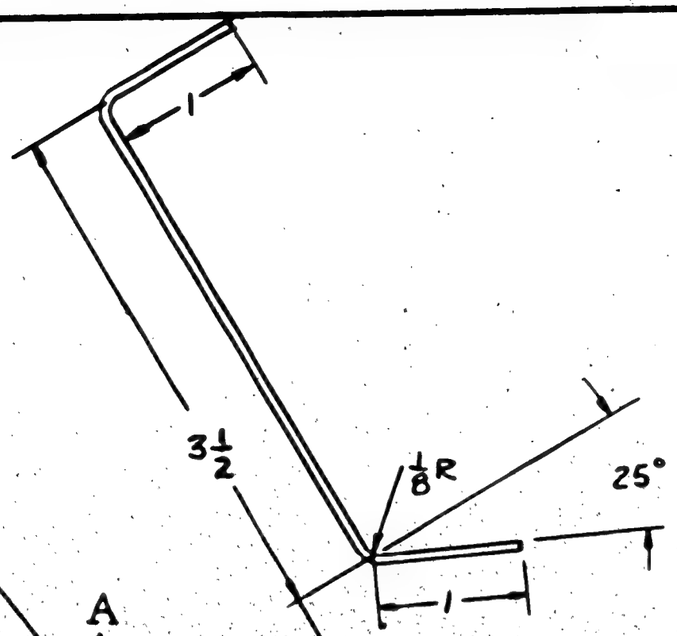
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — 2885209

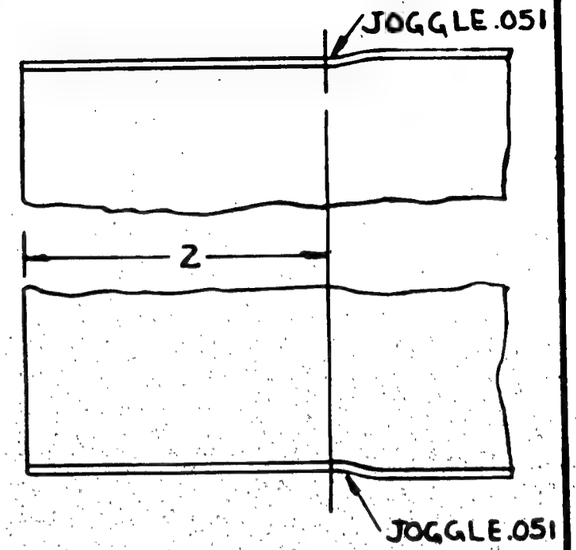
R

LET	ALTERATION	DATE	BY.





SECTION A-A
SCALE 12"=1'-0"



VIEW B-B
SCALE 12"=1'-0"

CONTR CHG "J" - S.O. 936-17

PBY-5
C-7096
#1725

R	PBY-5	28B5241	2
L	PBY-5	28B5241	2
ASSY DASH NO	MODEL	NEXT ASSY.	QTY.

REQUIREMENTS PER AIRPLANE

REPLACES	4 EA. Engr. Wt.
REPLACED BY 28B5241-47	Act. Wt.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 6"=1'-0" & NOTED

STAMP PART NUMBER WHERE SHOWN

126 ℄ ON →

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.051×7 3/8×16	ALCLAD	47A8-A										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC							
NAVY SR-53	2 PAP	7-15-40	LOC		8/1/40		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG.

NAME BEAM-HULL-WAIST GUN FLOOR-INNER-FWD.

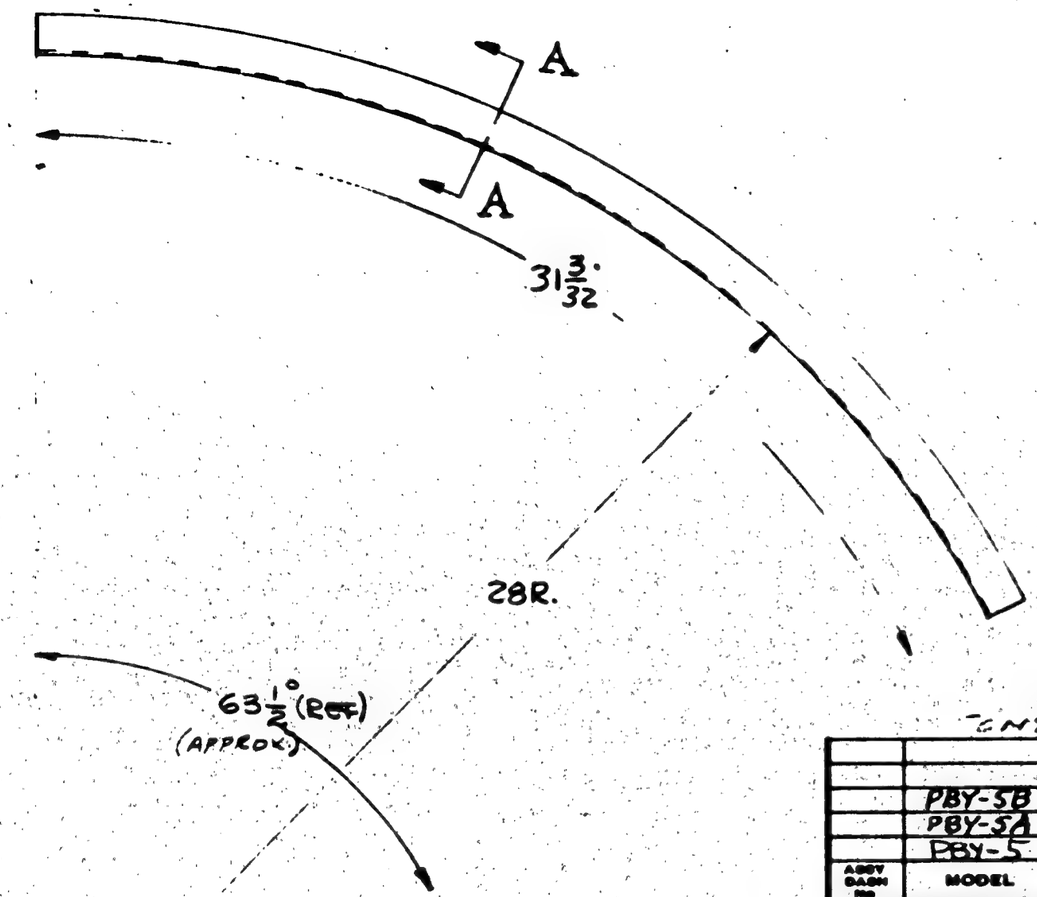
OPP. HAND 28B5243-R

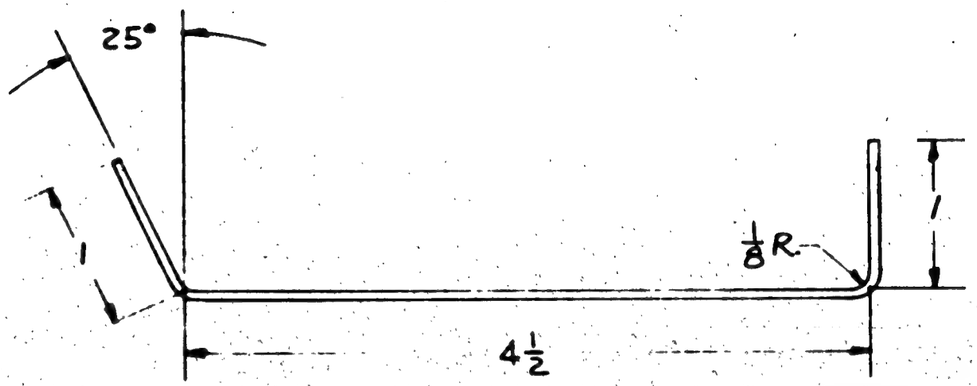
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28B5243

R

LET	ALTERATION	DATE	BY





SECTION A A
SCALE 12"=1'-0"

FINISH CODE	
Z	ANODIC TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

CNTR CHG "J" J.O. 986-17

ASSY DASH NO	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28B5291	2
	PBY-5A	28B5291	2
	PBY-5	ZAB5241	2

REQUIREMENTS PER AIRPLANE

REPLACES 1.0 GA. CALC. WT.

REPLACED BY ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 3/4"=1'-0" & NOTED

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.	.051x8.5/8x34	ALCLAD	47A8-A	-0		-2		-3		-4		-5	

AC									
NAVY SR-53	Z PAP	7-15-40	LOC		8/1/40				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.		

NAME BEAM-HULL-WAIST GUN FLOOR-OUTER-AFT.

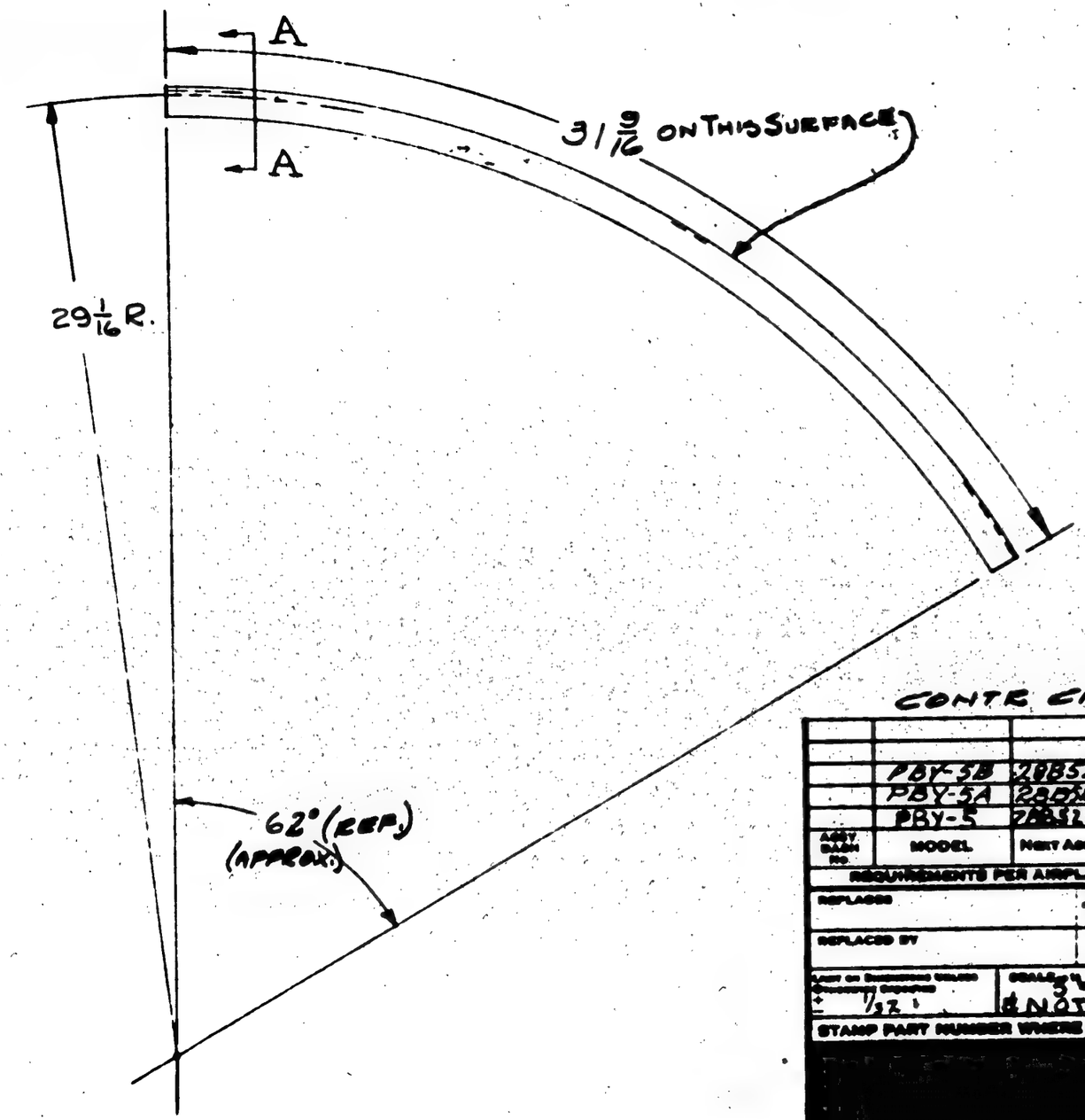
OPP. HAND

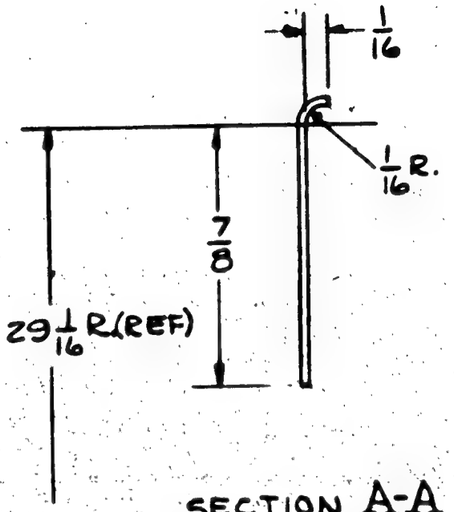
CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

SIZE B

28B5245

LET	ALTERATION	DATE	BY





SECTION A-A
SCALE 24"=1'-0"

FINISH CODE	
Z	ANOD'C. TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

CONTR CNA "J" SD. 936-17

ASSY. BASH NO.	MODEL	NEXT ASSY.	QTY.
	PBY-5B	28B5241	4
	PBY-5A	28B5241	4
	PBY-5	28B5241	4

REQUIREMENTS PER AIRPLANE

REPLACES — ASSY. WT. .085

REPLACED BY — ASSY. WT.

SCALE 3/4"=1'-0" & NOTED

± 1/32 ·

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
◆	.032 x 3 x 34	ALCLAD	47A8-A	-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC						
NAVY SR-53	Z PAP	7-K-44	LGB		9/1/44	
HEAT TREAT	FINISH ·	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME EDGING - HULL - WAIST GUNNERS FLOOR - OUTER

OPP. HAND →

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

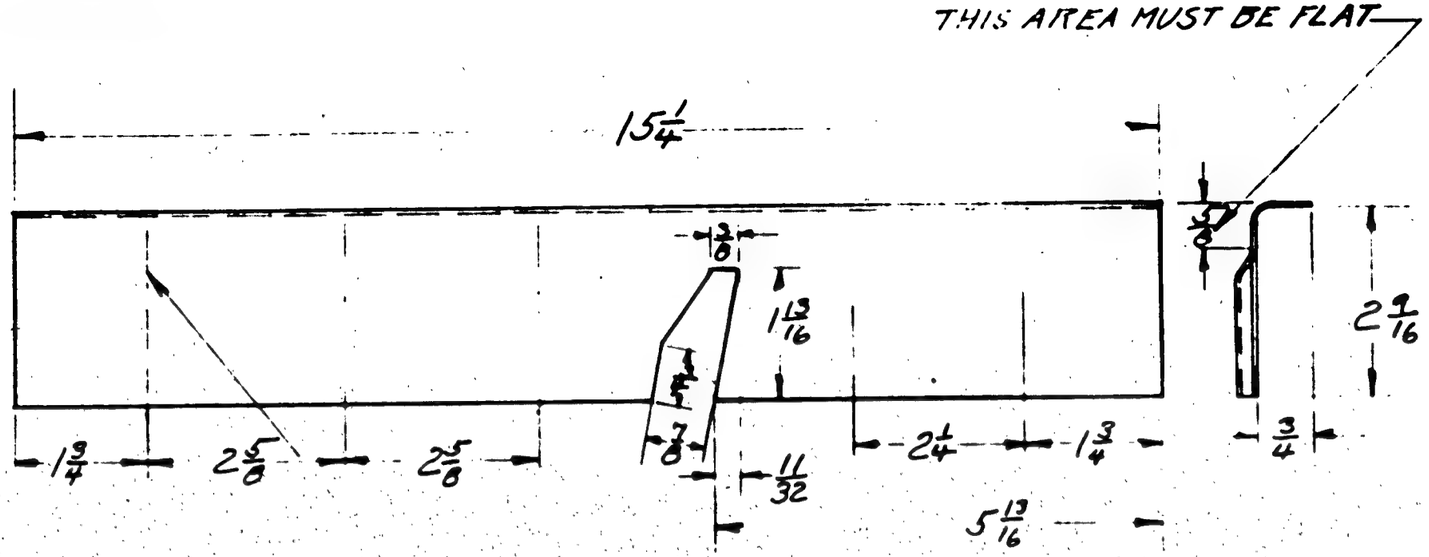
REPL. B SIZE

28B5246

R'

LET	ALTERATION	DATE	BY
A	Q2155-4-3 was Q2155-7-3	4-1-40	Davis

E.O. 25944



(A) Q2155-4-3 TYPE BEADS - (5 REQ'D) - LOWER END OF BEAD TO BE AS SHOWN

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

CONTRACT CHANGE "J" S.C. 936-17

ABBY DASH NO	MODEL	NEXT ASSY	QUAN
-1-R	PBY-5B	28B5260	1EA
-R	PBY-5A	28B5260	1
-L	PBY-5A	28B5260	1
R	PBY-5	28B5260R	1
L	PBY-5	28B5260L	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC WT. .23

REPLACED BY — ACT WT

LIGHT ON ENGINEERING LAYOUT OTHERWISE SPECIFIED: V32

SCALE: 6" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.051 x 3 3/8 x 15 3/4	ALCLAD	47A8 Comp A										

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC		B-1940						
NAVY SR53	Z-P-AP	ALDRICH		Green	8/3/40			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT		APPROV.	ENG

NAME SUPPORT-HULL-STEP WAIST GUN ENTRANCE

OPP. HAND 28B5258 R.

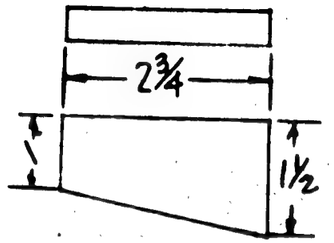
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE — 28B5258

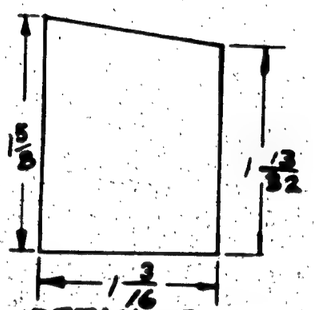
R

LET	ALTERATION	DATE	BY
A	ADDED -10L,R, & 11L,R, CHGD. AS FOLLOWS: 3/8 DIA DIM CHGD. TO 3 1/16 3/4 DIM. ADDED. NOTE ADDED OPP. HAND NO. REMOVED	2/4/41	
B	-10L,R, & 11L,R, REMOVED; -6L,R REPLACED WITH -6; -7L,R, REPLACED WITH -7 B/M & REQ'S. PER AIRPLANE REQUIRED. NOTE REMOVED IN NR BLOCK "NOTED" REMOVED.	3/4/41	
C	ADDED DIM. 2 3/4	6-16-41	

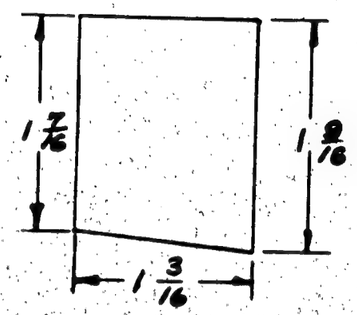
E.O. A8509 PBY-5A



DETAIL -7 (B)
SCALE 6" = 1'-0"



DETAIL-8
SCALE: 12" = 1'0"



DETAIL-9
SCALE: 12" = 1'0"

NOTE THESE PARTS NOT TO BE DRILLED UNTIL INSTALL.

PURCHASE TO DWG.

-9	PBY-5A	28U5077	2
-8	PBY-5A	28U5077	2
-7	PBY-5A	28U5077	2
-6	PBY-5A	28U5077	2
ASSY DASH NO.	MODEL	NEXT ASSY	REQ.

-9	PBY-5	28U5077R	1
-9	PBY-5	28U5077L	1
-8	PBY-5	28U5077R	1
-8	PBY-5	28U5077L	1
-7	PBY-5	28U5077R	1
-7	PBY-5	28U5077L	1
-6	PBY-5	28U5077R	1
-6	PBY-5	28U5077L	1
ASSY. DASH NO.	MODEL	NEXT ASSY	REQ.

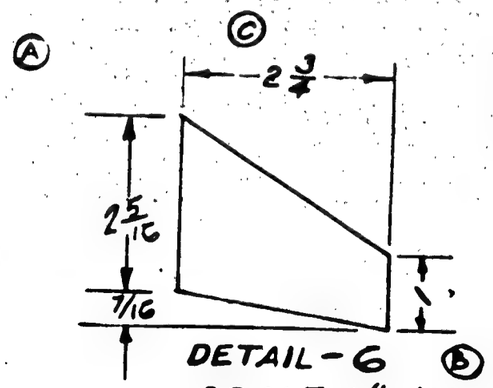
REQUIREMENTS PER AIRPLANE

REPLACES	.90 CALC. WT.
REPLACED BY	ACT. WT.
± 1/32	SCALE NOTED

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
-9	7/16 x 1 11/16 x 1 5/16	MICARTA	ITP5 TYPE FBG FORMS										
-8	7/16 x 1 3/4 x 1 5/16	↕	↓										
-7	7/16 x 1 5/8 x 2 3/8												
-6	7/16 x 2 3/8 x 2 3/8	MICARTA											

PARTS LIST PER ASSY.



DETAIL-6 (B)
SCALE: 6" = 1'0"

S.O. 936-53
PBY-5 & PBY-5A
ON CONTRACT
#70496

AC			1/31/41
NAVY NONE	NONE		DIET 2
HEAT TREAT	FINISH		DRAFT

CHECK	STRUCT.	MAT.	APPROV.	ENG.
		BMH		
LOC 2/4/41		J KEN		

NAME FILLER BLOCK ~ ARM. PLT. TUNNEL GUN

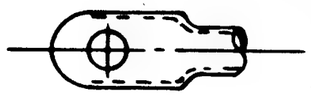
OPP. HAND

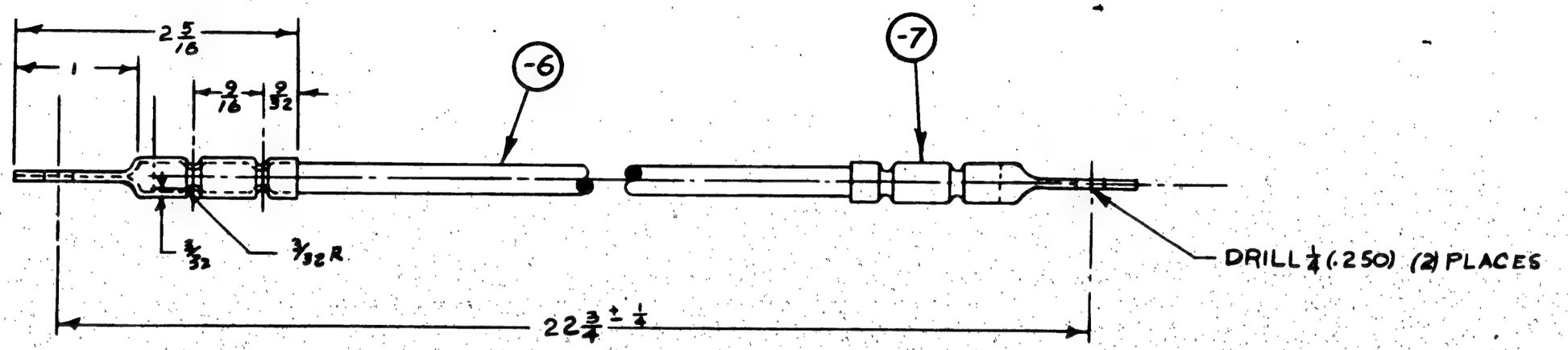
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28B5269

LET	ALTERATION	DATE	BY

28B5237





NOTE: 28B1307-34 IS AN INTERCHANGEABLE ALTERNATE FOR 28B5273.

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	28-5 MC	28B1307	1
	28-5 MA	28B1307	1
	PBY-5B	28B1307	1
	PBY-5A	28B1307	1
	PBY-5	28B1307	1

REQUIREMENTS PER AIRPLANE

REPLACES — .049 GALV. WT.

REPLACED BY — ASSY. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32

SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH
				REQ.		REQ.		REQ.		REQ.			
-7	5/16 X .035 X 3	5230 AL. AL.	WW-T-787	2									
-6	1/4 D. X 22 1/2	Ex. CORD: 49C6		1									

PARTS LIST PER ASSY.

			-2	-3	-4	-5
AC		JAHM				
NAVY	C.A.C.-ZF-28-006	9/2/42	Vda Kirby			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ
	28-5 AN	28B1307	1
	28-5 ANN	28B1307	1
	28-5 ANC	28B1307	1
	28-5 MN	28B1307	1
	28-5 ME	28B1307	1

APPROVED FOR TOOLING BY Garsline 3-15-43

NAME SHOCK CORD-ASSY.-CIRCULAR WINDSHIELD

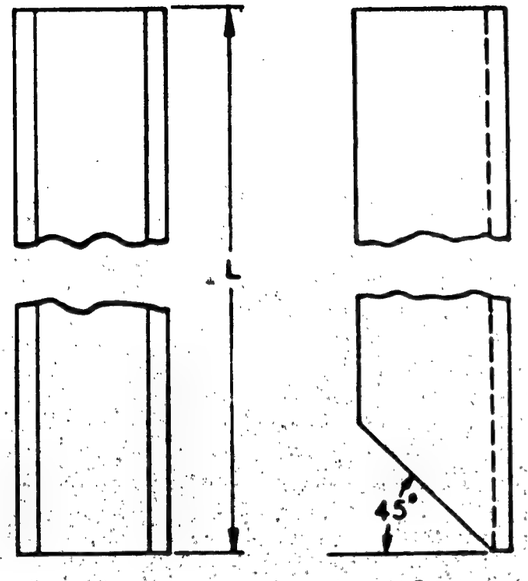
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

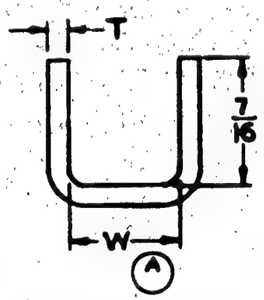
DWG. B SIZE 28B5273

R

LET	ALTERATION	DATE	BY
A	-8 (.072 x 1 3/8 x 2934) 24ST. ALT. SHT.		
	QQ-A-362-T WAS -7 (.072 x 1 5/8 x 2934)		
	ON CHART ADDED "WT COL., WT. FOR		
	-8 .239 WAS .222 IN REQTS/AIRP.		
	BLK -8 (9 PLACES) WAS -7 REG. WT CHANGED IR-43 [illegible]		



45° CUT FOR -7 ONLY



BEND RADII 1/16

DASH NO.	T	L	W	WT.
-6	.063	4 3/4	3/8	.039
-8	.071	2 5/8	1/2	.259

APPROVED FOR TOOLING BY Gerstine 5-21-43

ITEM	PART NO.	NEXT ASSY.	REQ'D.
-6	28-3 AMC	28B3317	2
-6	28-3 AHN	28B3317	2
-6	28-3 MC	28B3317	2
-6	28-3 ME	28B3317	2
-6	28-3 MN	28B3317	2
-6	28-3 NA	28B3317	2
-6	PBY-5 B	28B3317	2
-6	PBY-5 A	28B3317	2
-6	PBY-5 A	28B4035	1
-6	PBY-5	28B3317	2
-6	PBY-5	28B4036	1

ASSY. DASH NO. | MODEL | NEXT ASSY. | REQ'D.

REQUIREMENTS PER AIRPLANE

REPLACES — NOTED GALC. WT.

REPLACED BY — ACT. WT.

LIST OF DRAWINGS AND SPECIFICATIONS SHOWING — SCALE 24-1-0"

-132

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
-8	.072 x 1 3/8 x 23 3/4	24ST. ALC. SH	QQ-A-362-T						
-8	.072 x 1 5/8 x 23 3/4	24ST ALC SH	QQ-A-362-T						

PARTS LIST PER ASSY.

AC		5-21-43	
NAVY 56.000	NONE	TAIREAU	
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / MAT. / APPROV. / ENG.

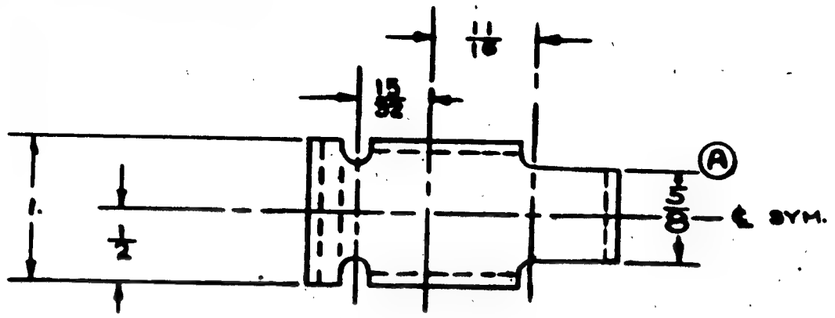
NAME CHANNEL-HULL-DECK-FIXED-PART

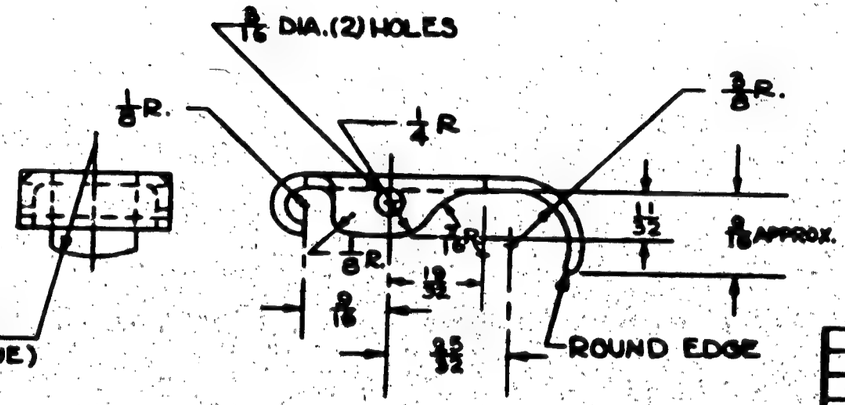
OPP. HAND

SIZE B — 28B5278

CONSOLIDATED VULTEE AIRCRAFT CORP. SAN DIEGO DIVISION . . . SAN DIEGO, CALIF.

R.





NOTES, 464 2018 ON 4 SPARES

	28-5AMN	28B1987	1
	28-5AMC	28B1987	1
	28-5MN	28B1987	1
	28-5MC	28B1987	1
	28-5MA	28B1987	1
	PBY-5A	28B1987	1
	PBY-5A	28B1987	1
	PBY-5	28B1987	1
USED ON (MODEL)	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES	.029 Spec. Wt.
REPLACED BY	Apx. Wt.
± 1/32	SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.	.091 X 1 1/16 X 2 3/8	24ST ALCLAD	2A-362 CONST	-0		-2		-3		-4		-5	

AC		KNIGHT	DESIGN			
NAVY	Z-P-ZP	9-21-43	5-28-43			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME LEVER - HULL - MECHANICS WINDOW LATCH

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B | 28B5288

LET	ALTERATION	DATE	BY
A	ALL BEND, MAT'L & SPEC. "24ST ALCLAD 2A-362 CONST." WAS "AL. ALLOY, AT A10 COND. T." ON FACE OF DWG. REMOVED DIM. 5/32R (3 PLACES) & 3/8 DIM. ADDED NOTE "1 & 3/8 DIM. (WT. CHG. NEG.)	6-10-43	
B	REMOVED NOTE "RELEASED TO TOOLING AND METHODS ONLY." "REL. FOR PBY-5A 17/4 ON." REMOVE NOTE "2" 28B1987-2 IS AN INT. ALT. FOR 28B5288." WT. CHG. NEG.	8-11-43	

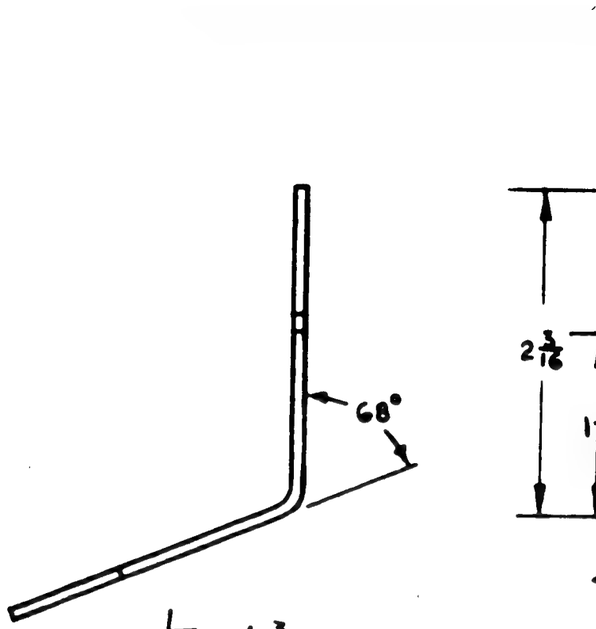
28B5288

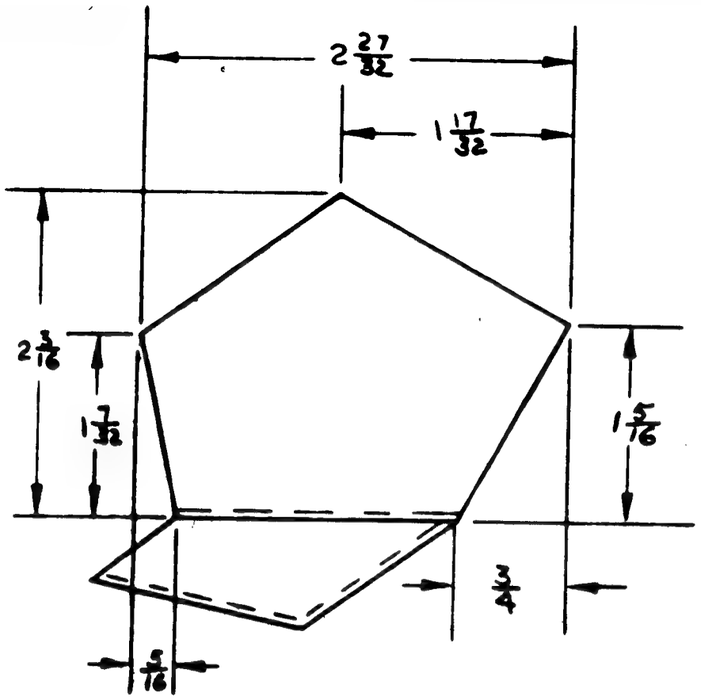
(A) 1- ALL BEND & RELIEF RADII 3/32 EXCEPT AS NOTED.

(B)

R

LET	ALTERATION	DATE	BY





MCR178-12
MCR23-15

R	PBY-5A	28B5065		1
L	PBY-5A	28B5065		1
R	PBY-5	28B5065		1
L	PBY-5	28B5065		1
ASSY DASH NO	MODEL	NEXT ASSY.		NOO

REQUIREMENTS PER AIRPLANE

REPLACES — .056 CALC WT.

REPLACED BY — AGT WT

UNLESS OTHERWISE SPECIFIED: ± 1/32 ± 1/2°

SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
R	.051 x 2 3/4 x 4	ALCLAD	QQ-A-362-T										
L	.051 x 2 3/4 x 4	ALCLAD	QQ-A-362-T										

PARTS LIST PER ASSY.

APPROVED FOR TOOLING BY Irue 6-29-43

AC		FUNK	6-21-43
NAVY NONE	Z-P-GP	6-1-43	L WENGER 7-3-43
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT / MAT / APPROV / ENG

NAME CLIP-HULL-LOWER FIN UPPER DIAGONAL FORMER

OPP. HAND 28B5289-R

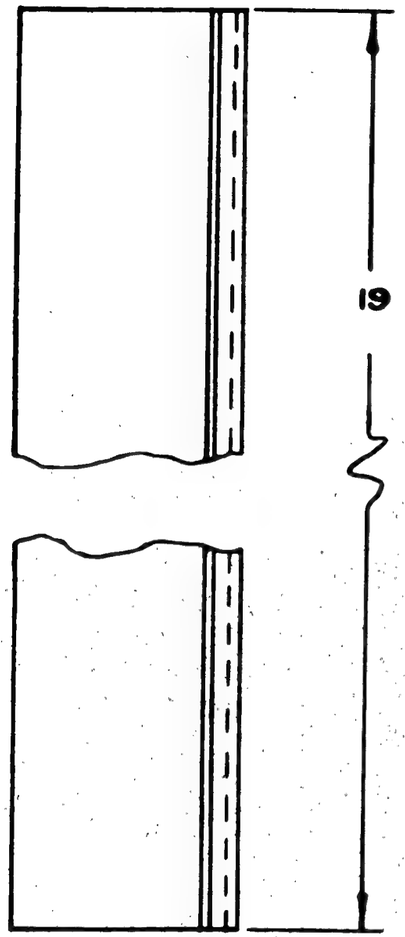
CONSOLIDATED AIRCRAFT CORP WF SAN DIEGO CALIF

DWG B SIZE 28B5289

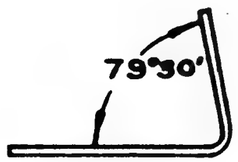
28B5289

R

LET	ALTERATION	DATE	BY



MCR199A & ON
MCR111A & ON



APPROVED FOR TOOLING BY
E. E. Dalton
6-28-43

ASSY DASH NO	MODEL	NEXT ASSY.	QTY
	PBY-5A	28B5270	1
	PBY-5	28B5279	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC WT .27
REPLACED BY — ACT WT

LIGHT ON DARKROOM UNLESS OTHERWISE DIMENSIONED ± 1/32 & 1/2° — SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
	Y6A72 Tx19												
				-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC
NAVY NONE
HEAT TREAT — Z-P-6P FINISH

CHANGE NO.
6-8-43
DRAFT — CHECK — STRUCT — MAT — APPROV — ENG

NAME BEAM AMMUNITION CHUTE STEP

OPP. HAND NONE

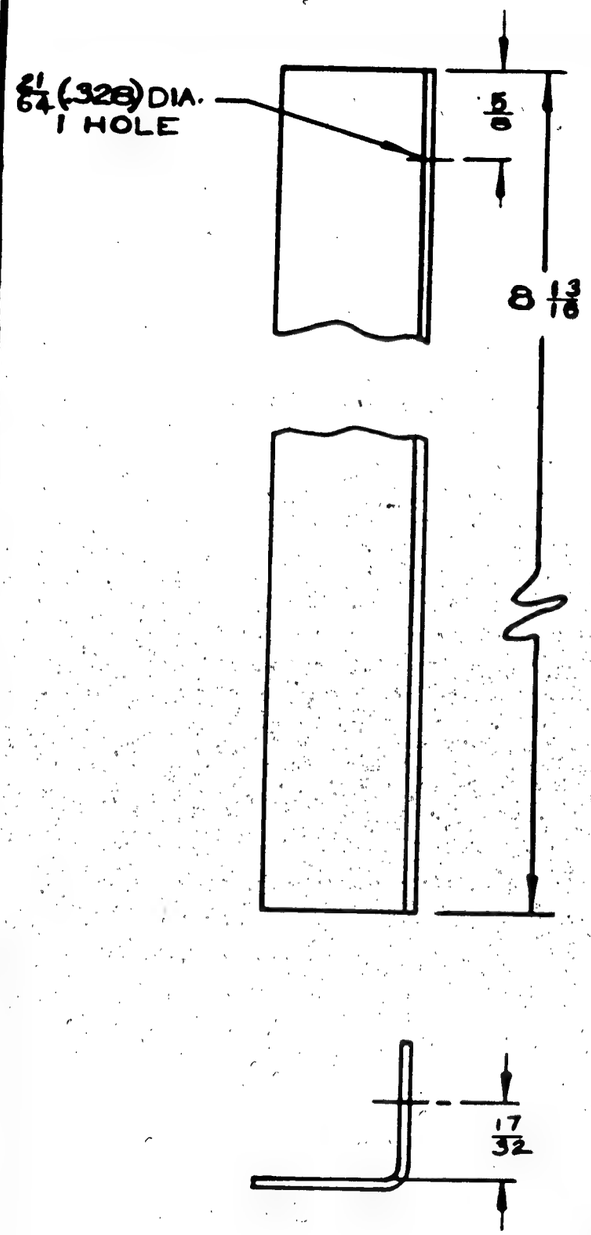
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF

DWG B SIZE — 28B5290

28B5290

R

LET	ALTERATION	DATE	BY



MCR 199A ℄ON
MCR 111A ℄ON

APPROVED FOR
TOOLING BY
E. E Dalton
6-28-43

ASSY DASH NO	MODEL	NEXT ASSY	REQ'D
	PBY-5A	28B5278	1
	PBY-5	28B5279	1

REQUIREMENTS PER AIRPLANE

REPLACES .05 Cadmium Plate

REPLACED BY Aluminum Alclad

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES: 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
	Y2 A4 5T x 9			-0		-2		-3		-4		-5	

PARTS LIST PER ASSY

AC			
NAVY NONE	Z-P-GP	6-7-43	Drawn [illegible]
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT / WT / APPROV / ENG

NAME COLUMN AMMUNITION CHUTE STEP INB'D.

OFF BOARD NONE

DWG B 28B5291

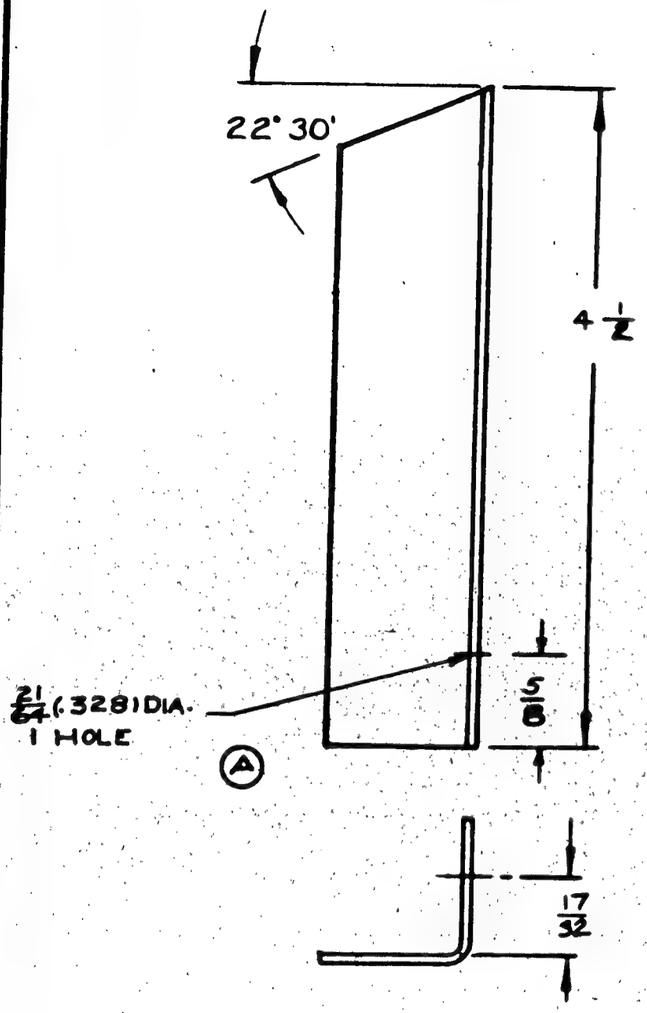
SIZE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF

28B5291

R

LET.	ALTERATION	DATE	BY
A	RELOCATED 21/64 (.3281) DIA. HOLE & DIM. 5/8 NO WT. CHG.	10-11-43	DAONW



MCR 199A ON
MCR 111A ON

ASSY DASH NO	MODEL	NEXT ASSY.	QTY
	PBY-5A	28B5279	1
	PBY-5	28B5278	1

REQUIREMENTS PER AIRPLANE

REPLACES

REPLACED BY

.05 CALC WT.

ACT WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 | SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
	Y2A45T X 4 1/2			-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

APPROVED FOR TOOLING BY
E. E. Dalton
6-28-43

AC
NAVY NONE
HEAT TREAT

Z-P-GP
FINISH

HAMER
6-2-43
DRAFT

CHECK | STRUCT | MAT | ASS'Y | ENG

NAME COLUMN-AMMUNITION CHUTE STEP OUTB'D.

OPP. HAND NONE

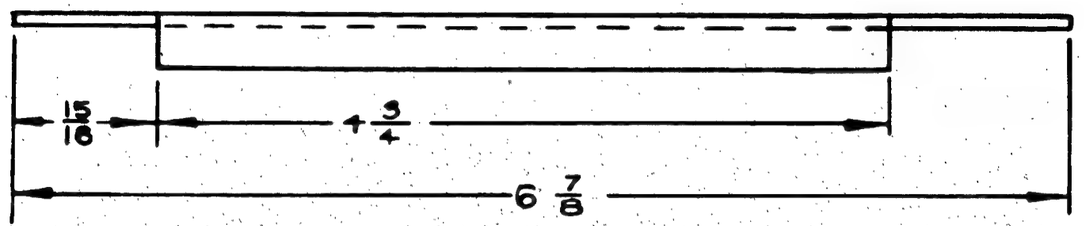
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF

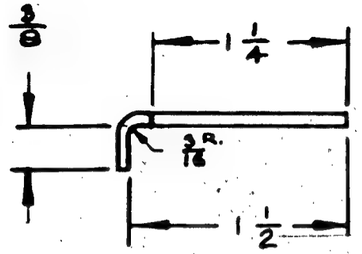
DWG B 28B5292 SIZE

28B5292

R

LET	ALTERATION	DATE	BY





MCR 199A CON
MCR 111A CON

NOTE:
ALL RELIEF RADII 1/8

APPROVED FOR
TOOLING BY
E E Dalton
6-28-43

ASSY DASH NO	MODEL	NEXT ASSY.	REQ'D
	PBY-5A	28B5279	1
	PBY-5	28B5279	1

REQUIREMENTS PER AIRPLANE

REPLACES	.10 CALC WT.
REPLACED BY	ACT WT.
LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED: .1/32	SCALE: 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
1	.072 x 7½ x 2	ALCAD	99A362 I	1									
	PARTS LIST PER ASSY.			-0		-2		-3		-4		-5	

AC		ECHANGE	
NAVY NONE	Z-P-GP	6-9-43	Bond 1/11/43
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT / MAT / APPR / ENG

NAME BEAM-AMMUNITION CHUTE STEP LOWER

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF

OPP. HAND NONE

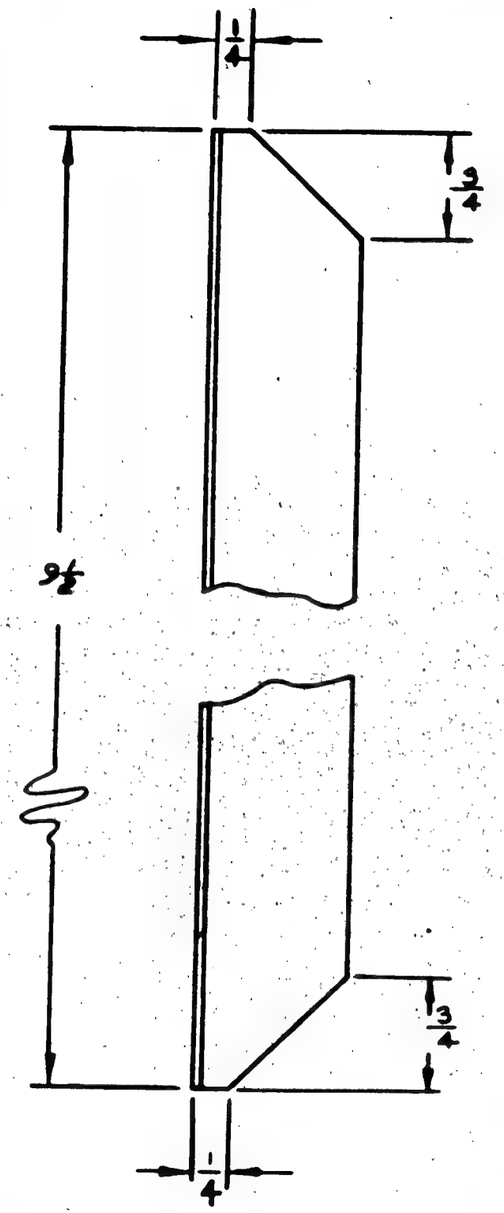
DWG. B SIZE

28B5293

28B5293

R

LET	ALTERATION	DATE	BY



MCR 199A ON
MCR 111A ON

APPROVED FOR
TOOLING BY
E E Dalton
6-28-43

ASSY DASH NO	MODEL	NEXT ASSY	REQ
	PBY-5A	28B5279	1
	PBY-5	28B5279	1

REQUIREMENTS PER AIRPLANE

REPLACES	.07 CALC WT
REPLACED BY	ACT WT
LIGHT ON DIMENSIONS UNLESS OTHERWISE INDICATED ± 1/32	SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
	YRA43T×8 3/4												
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		C. CHAMBERS		
NAVY NONE	Z-P-G P	6 9 43		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG

NAME BRACE - AMMUNITION CHUTE STEP CROSS

OPP HAND NONE

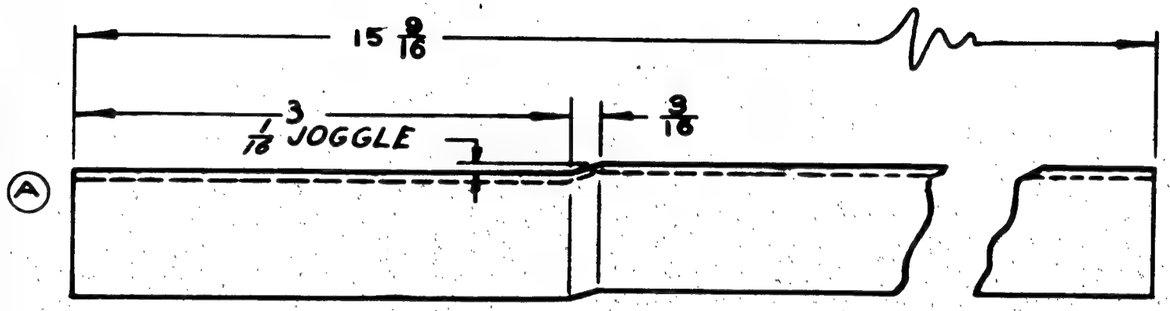
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG B SIZE 28B5294

28B5294

R

LET.	ALTERATION	DATE	BY
A	REVISED DWG. TO SHOW JOGGLE		
	ON OTHER FLANGE. NO WT CHG.	12-11-43	[illegible]



MCR 199 ON
MCR 111A ON

APPROVED FOR
TOOLING BY
E. E. Dalton
6-28-43

ASSY DASH NO	MODEL	NEXT ASSY	REQ
	PBY-5A	28B5279	1
	PBY-5	28B5219	1

REQUIREMENTS PER AIRPLANE

REPLACES .15 CALC. WT

REPLACED BY ACT. WT.

LIGHT ON DRAWING UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC	LH REQ -0	RH REQ -2	LH REQ -3	RH REQ -4	LH REQ -5	RH REQ
	Y2A95T x 1534								

PARTS LIST PER ASSY

AC
NAVY NONE
HEAT TREAT

Z-P-GP
FINISH

DRAFT 6-9-43
CHECK
STRUCT
MAT
APPROV AL
ENG

NAME BEAM AMMUNITION CHUTE STEP UPPER

OPP HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF

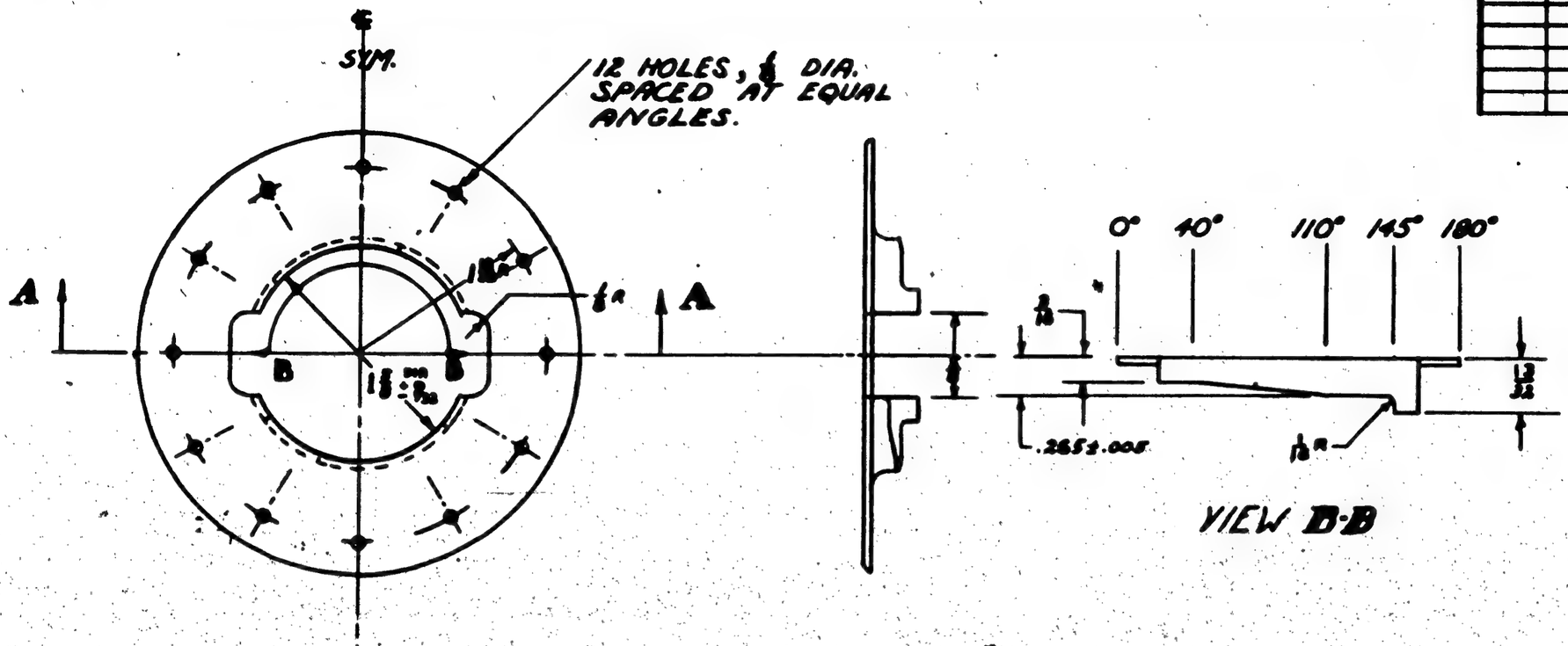
DWG SIZE B

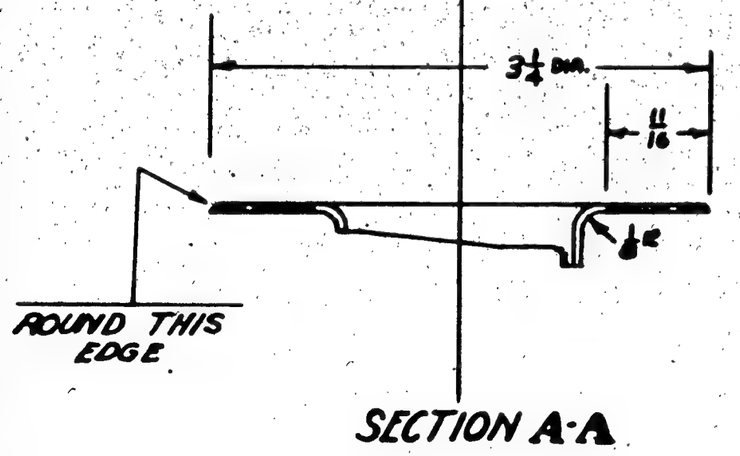
28B5302

28B5302

R

LET	ALTERATION	DATE	BY





C.P.-GREEN PRIME

FINISH CODE	
Z	ANOD'C TREATMENT
P	P-27 PRIMER
A/P	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. DASH NO.	MODEL	NEXT ASSY.	QTY.
	28-E-BTC	28B5530	A
	ORU-1	28B5530	A
	PBY-5A	28B5530	A

REQUIREMENTS PER AIRPLANE

REPLACES — SALV. WT.

REPLACED BY — ASY. WT.

SCALE 12"=1'-0"

± ½ AND ± 1°

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.625 6 X 6	ALCLAD 2024	AN-A-QQ-A-200/11										

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC		9-12-40				
NAVY NONE	C-BP-1 (S.F.)	Hart		Gen	9/14/40	9/17/40
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME CAM-NULL-NOSE L'D'G. GEAR-ACCESS PLUG

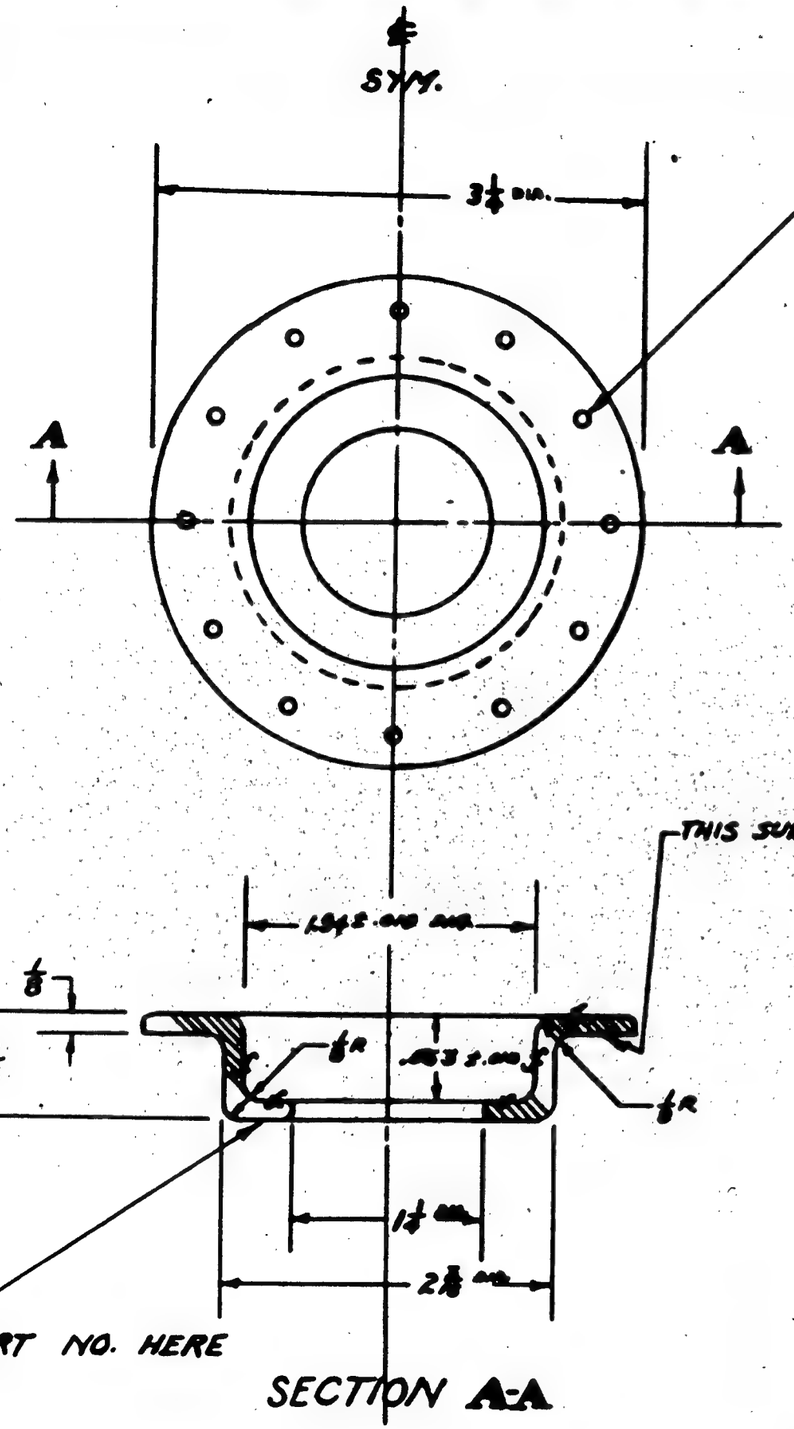
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — 28B5530

R

LET	ALTERATION	DATE	BY



SECTION A-A

GP GREEN PRIME

FINISH CODE	
Z	ANODIC TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CHROMIUM PLATE

ASSY. DASH NO.	MODEL	NEXT ASSY.	QUAN.
	28-S-XXX	2085530	2
	ODV-1	2085530	2
	PBY-5	2085530	2

REQUIREMENTS PER AIRPLANE

REPLACES .11 CALC. WT.

REPLACED BY ACT. WT.

SCALE 12 & 1/2

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-0	CASTING	AL. ALLOY	2511	1									

PARTS LIST PER ASSY.

AC		9-15-42	-0				
NAVY AN REC'D	C-2P-1 GP	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG.
HEAT TREAT	FINISH						

NAME HOUSING - HULL - NOSE L.D.G. GEAR - ACCESS PLUG

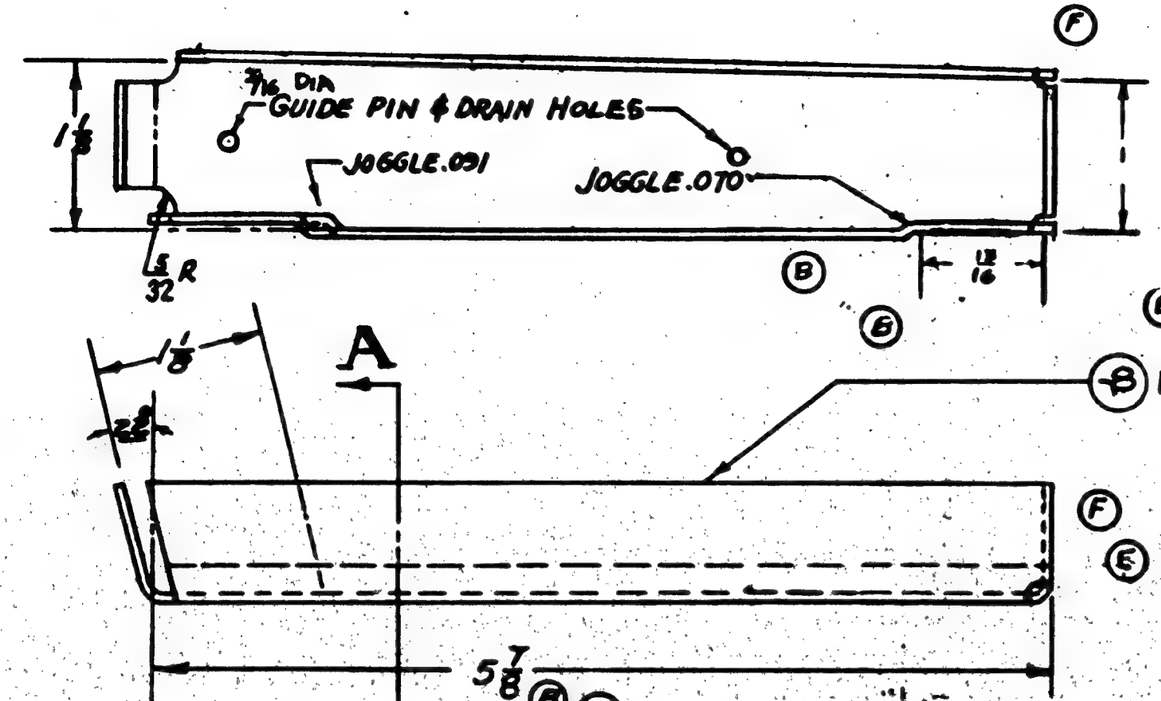
CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

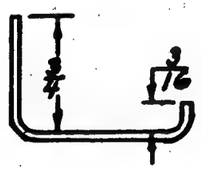
OPP. HAND

SIZE B

28B5531

LET	ALTERATION	DATE	BY
A	CHGD 16° DIM. TO 22° ON DWG		
	CHGD Ø 1/4 HOLE DIM. TO Ø 1/8 REM		
	DWG. CORRECTED MATL. SPECS		
	EQP-6L & R & B/M.		
B	E.O. A11035 CHGD 6 HOLES Ø 3/16 TO Ø 7/32 SET-3 ANGLE ON INSIDE OF -6 L/R	7-8-41	
C	E.O. "NONE" 4 TAB-A WAS 4 TAB-T FOR -6 L & R	12-8-42	
D	E.O. A50867 DIM. 5 7/8 WAS 5 3/4. NEG. WR CH.	7-16-43	
E	REMOVED -6 7/8, 7, 5 DIMS 5/16, 1/8, 1/16		
	3 7/32 DRILL ADDED -6 1/2 R (.051 x 2 1/4 x 7 1/8		
	ALCLAD QQ-A-362-T (LEA) 1 7/16, 5 1/8		
	FROM HEAT TREAT SUM REMOVED		
	S.R. 52-T. WT. CHG. NEG.	9-6-43	
F	E.O. B26042 EXTENDED FLANGES TO EDGE		
	REMOVED VIEW R. WT. CHG. NEG.	10-11-43	





SEC. A-A

R	28-SAMN	28B5557	1
L	28-SAMN	28B5567	1
R	28-SAMC	28B5557	1
L	28-SAMC	28B5567	1
R	PBY-5A	28B5557	1
L	PBY-5A	28B5567	1

ASSY. BASED ON	MODEL	NEXT ASSY.	QTY.

REQUIREMENTS PER AIRPLANE

REPLACES .06 # EA. Galv. WT.

REPLACED BY Adv. WT.

LIMIT OF DIMENSIONS SHOWN 1/32 SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

ALL RADII 1/8 UNLESS OTHERWISE NOTED

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
AN442-D4													
-8R	.051 x 2 1/4 x 7 1/8	ALCLAD	QQ-A-362-T	1									
-8L	.051 x 2 1/4 x 7 1/8	ALCLAD	QQ-A-362-T		1								

AC		GREENE	
NAV	Z-P-AP	10-10-40	
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / MAT. / APPROV. / ENG.

NAME SUPPORT-HULL-MAIN WHEEL WELL-REINF. - UP

OPP. HAND 28B5562-R

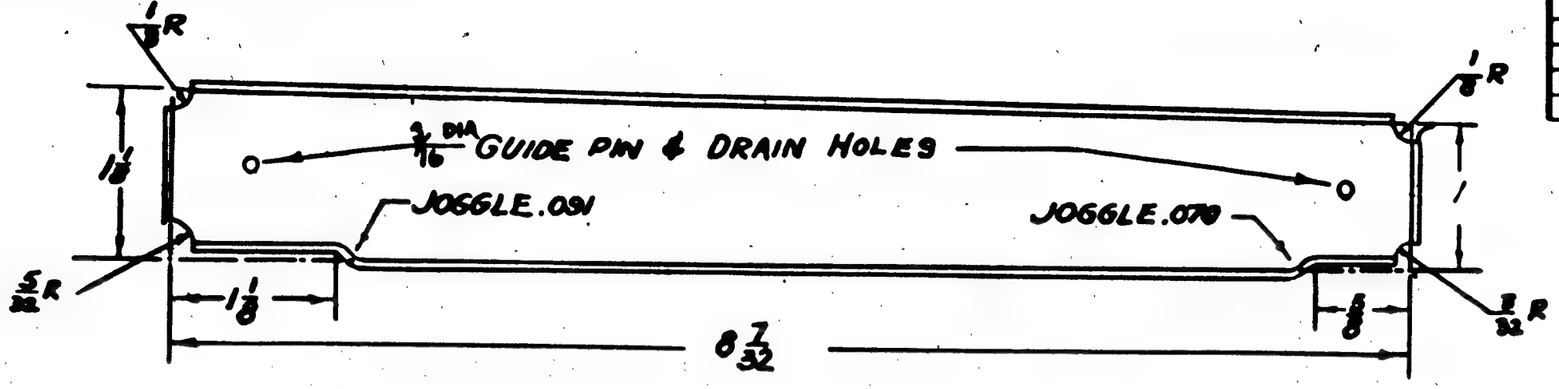
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

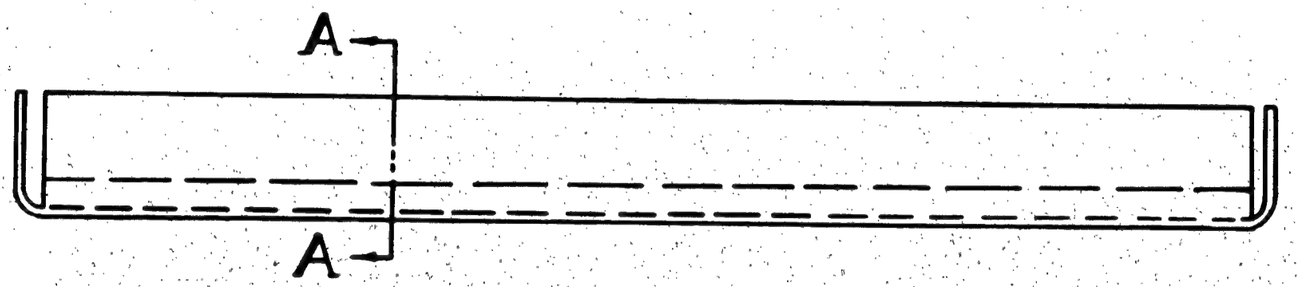
DWG. B SIZE 28B5562

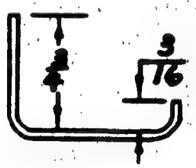
28B5562

K

LET	ALTERATION	DATE	BY







SEC. A-A

ALL RADII 1/8 UNLESS OTHERWISE NOTED

FINISH CODE	
Z	AN-C-20 TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

R	PB-5A MC	28A5557	1
L	PB-5A MC	↑	1
R	PBY-5A	↓	1
L	PBY-5A	28B5557	1

ASSY. BASIC No. | MODEL | NEXT ASSY. | USED

REQUIREMENTS PER AIRPLANE

REPLACES — 28 PER EA. CASE. QTY.

REPLACED BY — ASY. QTY.

LAID ON DRAWING UNLESS OTHERWISE SPECIFIED ± 1/32 | SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.05/X 2 1/4 X 10"	ALCLAD	4 START										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		GREENE	GREENE	M.S.	H.P.Z	J.W.D		
NAVY NONE	Z-P-AP	10-10-40	10-12-40					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG	

NAME SUPPORT-HULL-MAIN WHEEL WELL-REINF.-LOWER

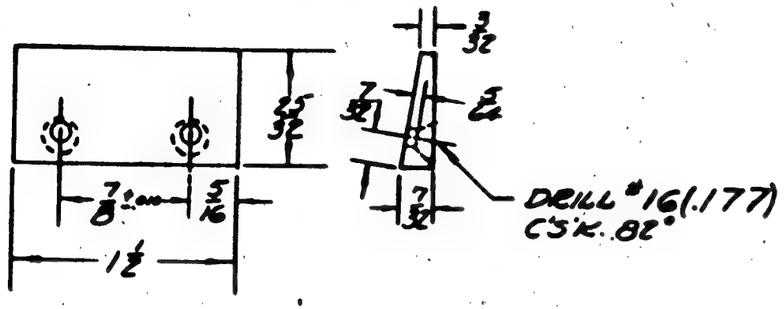
OPP. HAND 28B5563-R

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

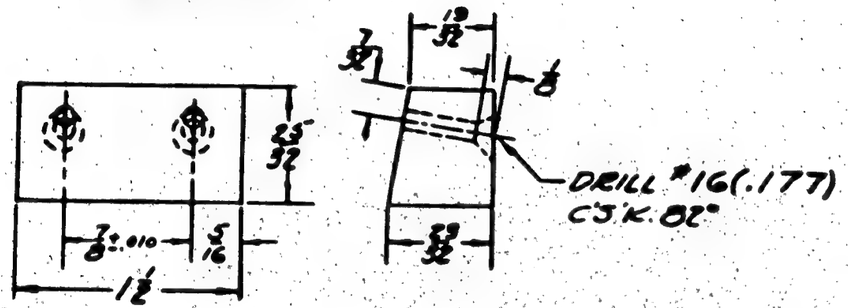
DWG. B SIZE 28B5563

R

LET	ALTERATION	DATE	BY



DETAIL - 7



DETAIL - 6

-7	OAU-1	28B5570	2
-7	28-SAME		2
-7	MAT-5A		2
-6	OAU-1		3
-6	28-SAME		3
-6	MAT-5A	28B5570	3
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ

REQUIREMENTS PER AIRPLANE

REPLACES

REPLACED BY — ASSY. NO.

SCALE 18"s 1-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
-7	1/8 x 1 3/16 x 1 5/8	PHENOLIC	ITP 5 F 28										
-6	1/8 x 1 3/16 x 1 5/8	PHENOLIC	ITP 5 F 28										

PARTS LIST PER ASSY.

AC		HARDEE	INSP.				
NAVY —	—	10/11/40	LOS		10/24/40		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG

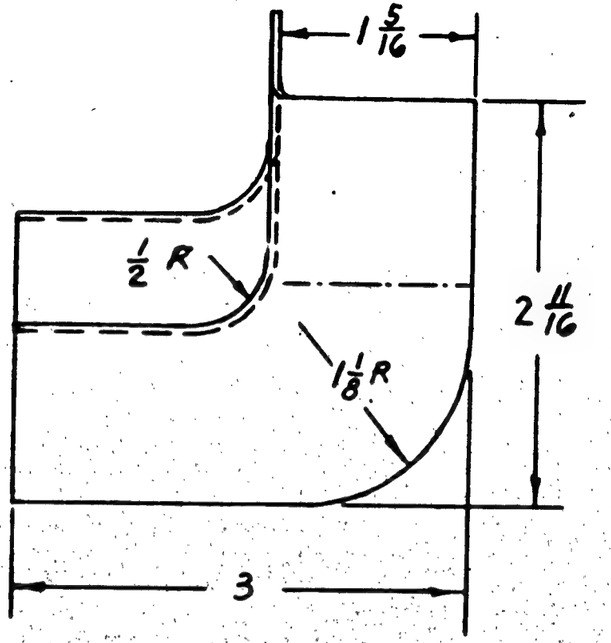
NAME SUPPORT - FRONT GUNNER'S FLOOR - STA 0.66 - 1.0

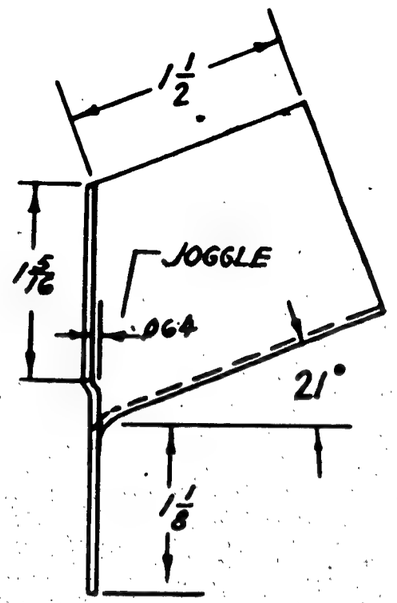
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28B5566

LET	ALTERATION	DATE	BY





FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

NOTE: ALL RADII 1/4 EXCEPT AS NOTED.

R	OAU-1	28B5523	2
L	OAU-1	28B5523	2
R	28-SAMC	28B5523	2
L	28-SAMC	28B5523	2
R	PBY-5A	28B5523	2
L	PBY-5A	28B5523	2
ASSY. DASH NO.	MODEL	NEXT ASSY.	QTY

REQUIREMENTS PER AIRPLANE

REPLACED .04 EA Calc. Wt.

REPLACED BY Adv. Wt.

LIMIT OR DECIMAL TOLERANCES ±: 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
	.051 X 6 X 6	ALCLAD	4748 A										

PARTS LIST PER ASSY.

AC		GREENE
NAVY SR-53-T	Z-P-AP	10-10-40
HEAT TREAT	FINISH	DRAFT

CHECK	STRUCT.	MAT	APPROV	ENG
LOC		10/20/40		

NAME WATER TIGHT COR. - HULL - MAIN WHEEL WELL

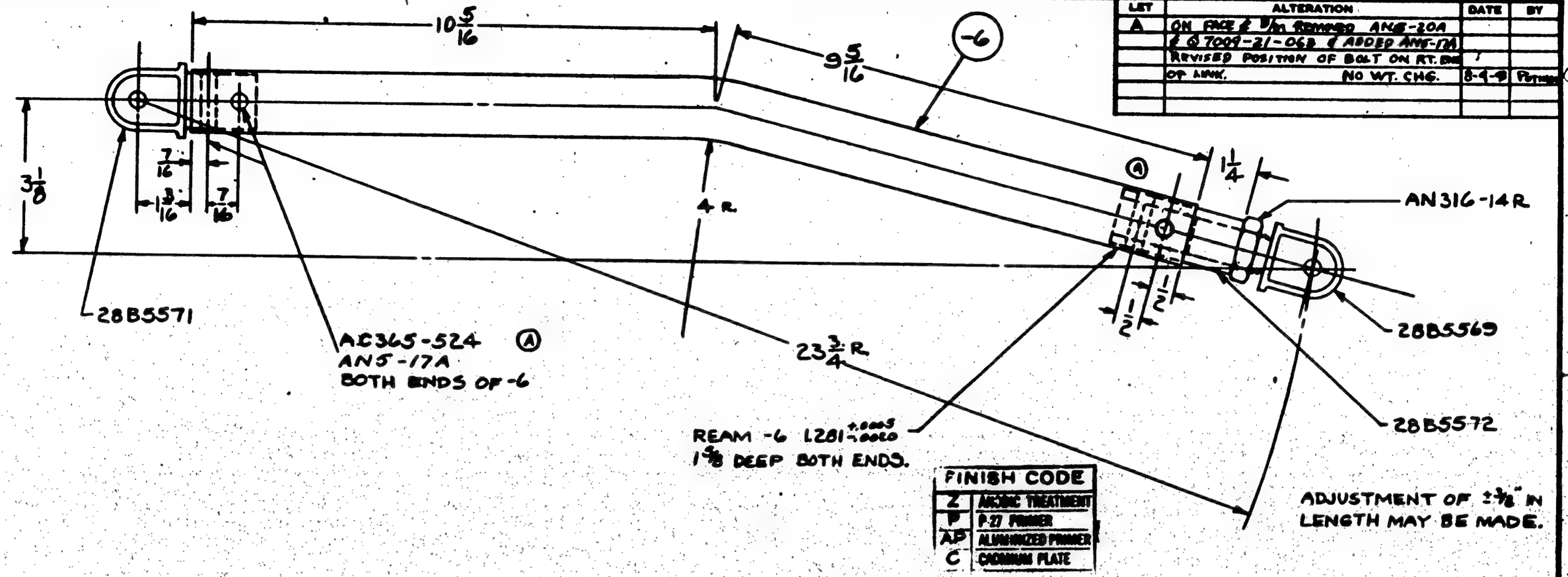
OPP. HAND 28B5567-R

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28B5567

R

LET	ALTERATION	DATE	BY
A	ON FACE B IN. REVISED ANC-20A		
	& Q7009-21-062 & ADDED ANS-17A		
	REVISED POSITION OF BOLT ON RT. END		
	OF LINK. NO WT. CHG.	8-9-43	PETERSEN



ADJUSTMENT OF ±3/8" IN LENGTH MAY BE MADE.

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. GAGE No.	MODEL	NEXT ASSY.	REQ.
	28-RAMP	28B5570	1
	QAV-1	28B5570	1
	PBY-5A	28B5570	1

REQUIREMENTS PER AIRPLANE

REPLACES — ASSY. WT. 4.14

REPLACED BY — ASSY. WT.

SCALE 6" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
AC365-524				4									
AN316-14R				1									
AN5-17A				4									
28B5572					1								
28B5571					1								
28B5569					1								
-6	1 1/2 O.D. x .120 x 20	COLUMBIA TUBE	44TIB A	1									

PARTS LIST PER ASSY.

AC		10-8-43					
NAVY 150,000 PSI T.S.	C-P	W. H. Robbins					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.

NAME LINK

TORQUE TUBE ACTUATING-NOSE WHEEL DOOR

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

DWG. SIZE B

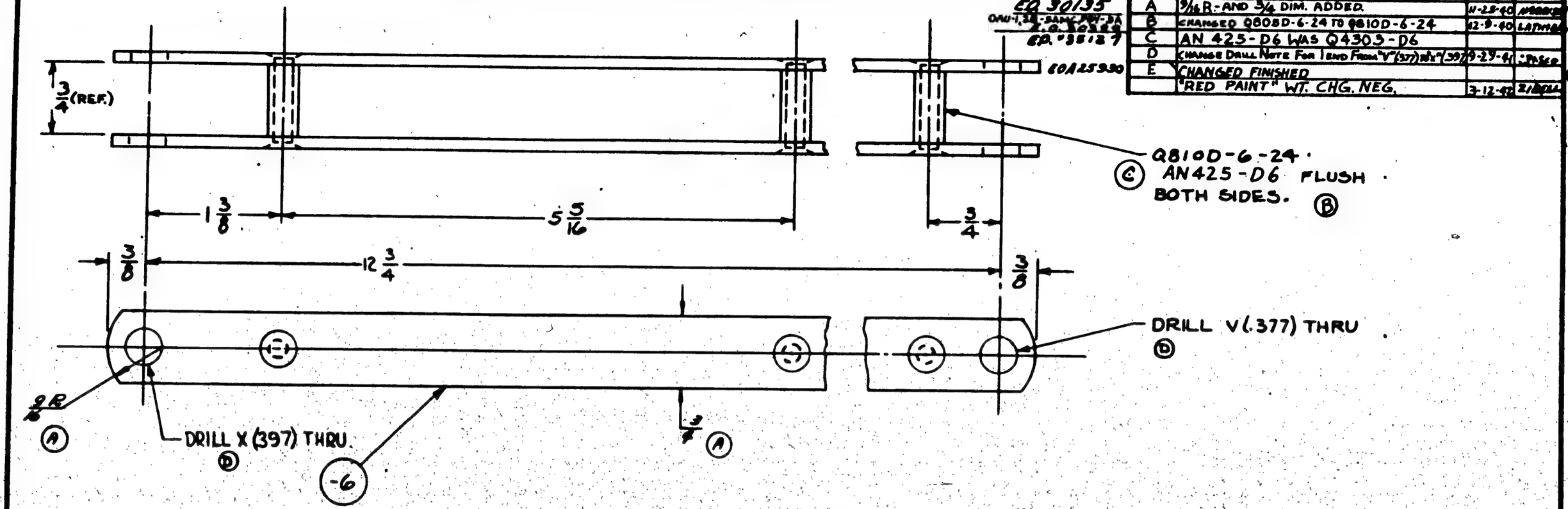
28B5573

R

EQ 30135
ORD-1, 2B-SAMC/PBY-5A
C.O. 10526
EQ. "38127

LET	ALTERATION	DATE	BY
A	5/16 R- AND 3/4 DIM. ADDED.	11-25-40	[illegible]
B	CHANGED Q808D-6-24 TO Q810D-6-24	12-9-40	LATHAM
C	AN 425-D6 WAS Q4303-D6		
D	CHANGE DRILL NOTE FOR 1 END FROM "V"(377) to "X"(397)	9-29-41	[illegible]
E	CHANGED FINISHED "RED PAINT" WT. CHG. NEG.	3-12-42	[illegible]

60A25930



ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ'D
	28-5AMN	28B5320	1
	28-5AMN	28B5320	1
	PBY-5A	28B5320	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32 — SCALE: 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN 425-D6				3					
Q810D-6-24				3					
-6	.125 x 5/8 x 13 5/8	ALCLAD	47A8	2					
PARTS LIST PER ASSY.				-0	-2	-3	-4	-5	

AC		10-3-40	L.O.R. 10-29-40		W.F.S.	Klein		
NAVY —	RED PAINT (E)	R.H. Robbins	Rohn	Green		10-4-41		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

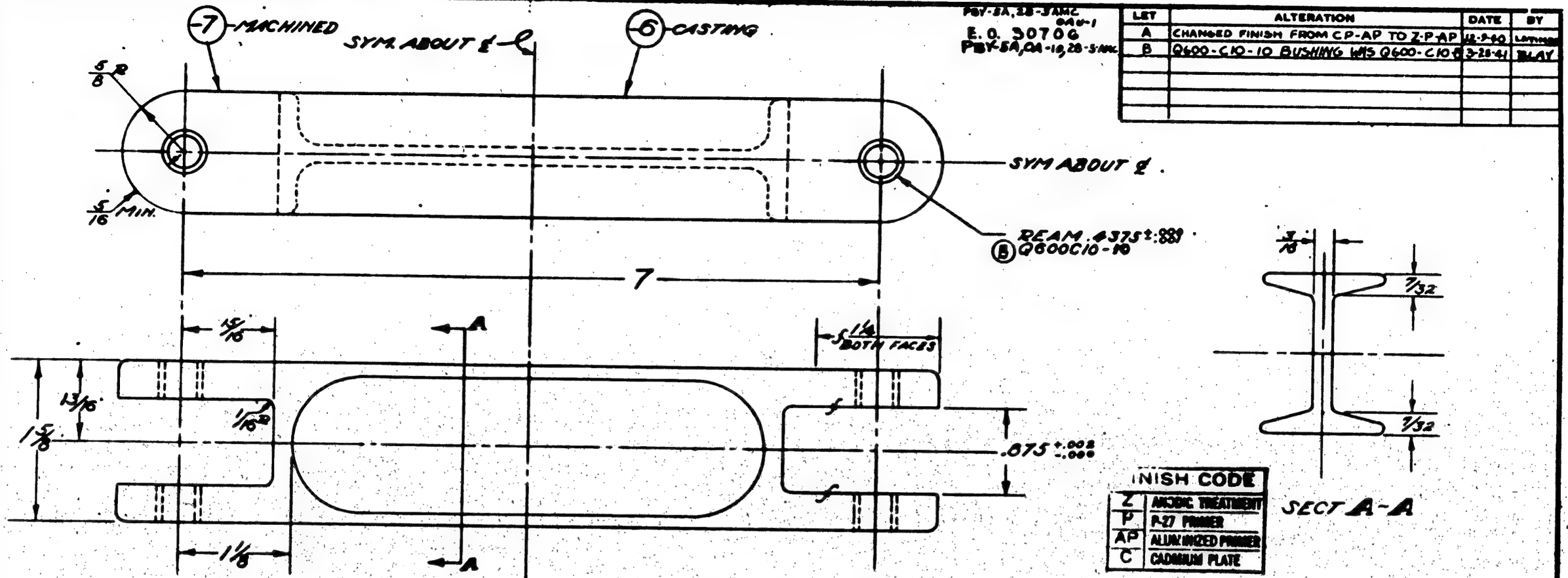
NAME LINK
EMERGENCY LOCK - NOSE WHEEL DOOR
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND —

DWG. SIZE B — 28B5574

PBY-5A, 28-5AMC, OA-1
E.O. 30706
PBY-5A, OA-10, 28-5AMC

LET	ALTERATION	DATE	BY
A	CHANGED FINISH FROM CP-AP TO Z-P-AP	12-9-40	LATHROP
B	Q600-C10-10 BUSHING WAS Q600-C10-8	3-28-41	TM.AY



FINISH CODE

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. GROUP NO.	MODEL	NEXT ASSY.	QTY.
	28-5AMC	28B5520	1
	OA-10	28B5520	1
	PBY-5A	28B5520	1

REQUIREMENTS PER AIRPLANE

REPLACES — 2.0 GALS. WT.
REPLACED BY — ASS'Y. WT.

LIST OF DIMENSIONS WHICH CONTROL DIVISION: 1/32
SCALE: 12" = 1'0"
STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
Q600C10-10				2									
-7	MAKE FROM -6			1									
-6	CASTING	AL. ALLOY	46 AI CLA										
PARTS LIST PER ASSY.				-9		-2		-3		-4		-5	

		DES. PLANTES						
AC			Rohn	Green			Jack	
NAVY 28 000 F.S.	Z-P-AP	10-31-40	10-31-40		MEG			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG	

NAME LINK-JACK-NOSE WHEEL DOOR FITTING

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

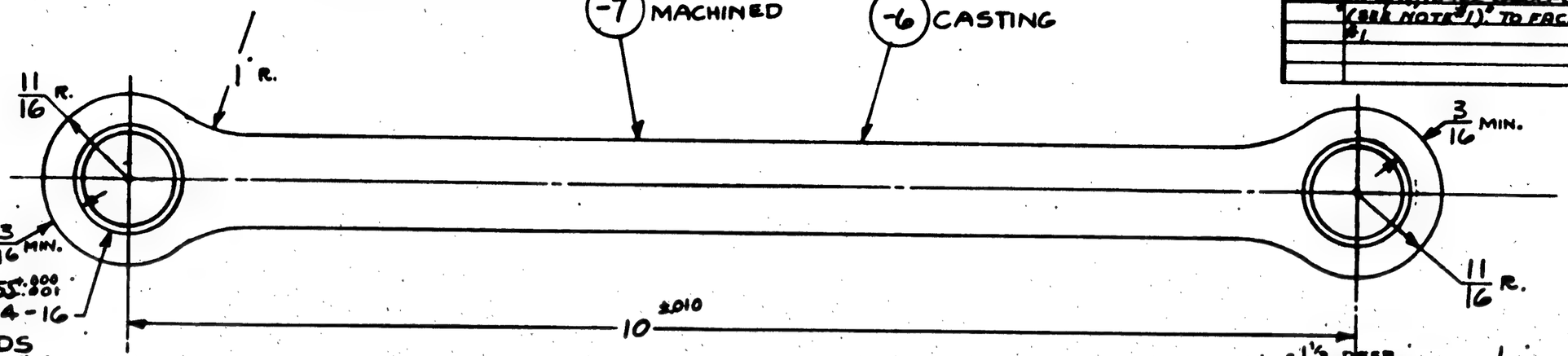
SIZE B — 28B5576

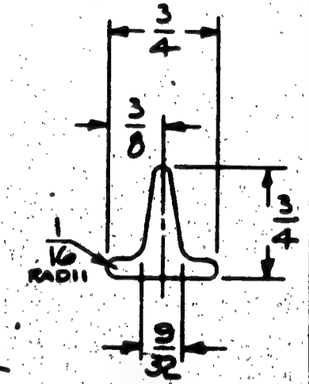
E.O. 30706

LET	ALTERATION	DATE	BY
A	IN B/M. FINISH Z-P-AP | MS CP-AP	12-5-40	
B	IN B/M, AFTER Q600-C24-16, ADDED (SEE NOTE #1). TO FACE ADDED NOTE #1 NO WT. CHG.	8-27-41	

-7 MACHINED

-6 CASTING





SECTION A-A

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

NOTES-

1.- Q600-B24-16, BRONZE BUSHING, SHALL BE ACCEPTABLE AS AN ALTERNATE FOR Q600-C24-16, STAINLESS STEEL BUSHING.

ASSY DASH NO	MODEL	NEXT ASSY	QUAN
	QAU-1	28B5520	2
	28-5AMC	28B5520	2
	PBY-5A	28B5520	2

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT .40

REPLACED BY — ACT WT

SCALE 12" = 1'0"

± 1/32

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
Q600-C24-16	(SEE NOTE #1)			2									
-7	MAKE FROM -6												
-6	CASTING	AL. ALLOY	46A1 CL4	1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

A C		10-9-40	10-28-40			
NAVY 29,000 #/in² T.S.	Z-P-AP	R. H. Robbins	Rohn	Green		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.

NAME IDLER

NOSE WHEEL DOOR MECHANISM - STA. #1

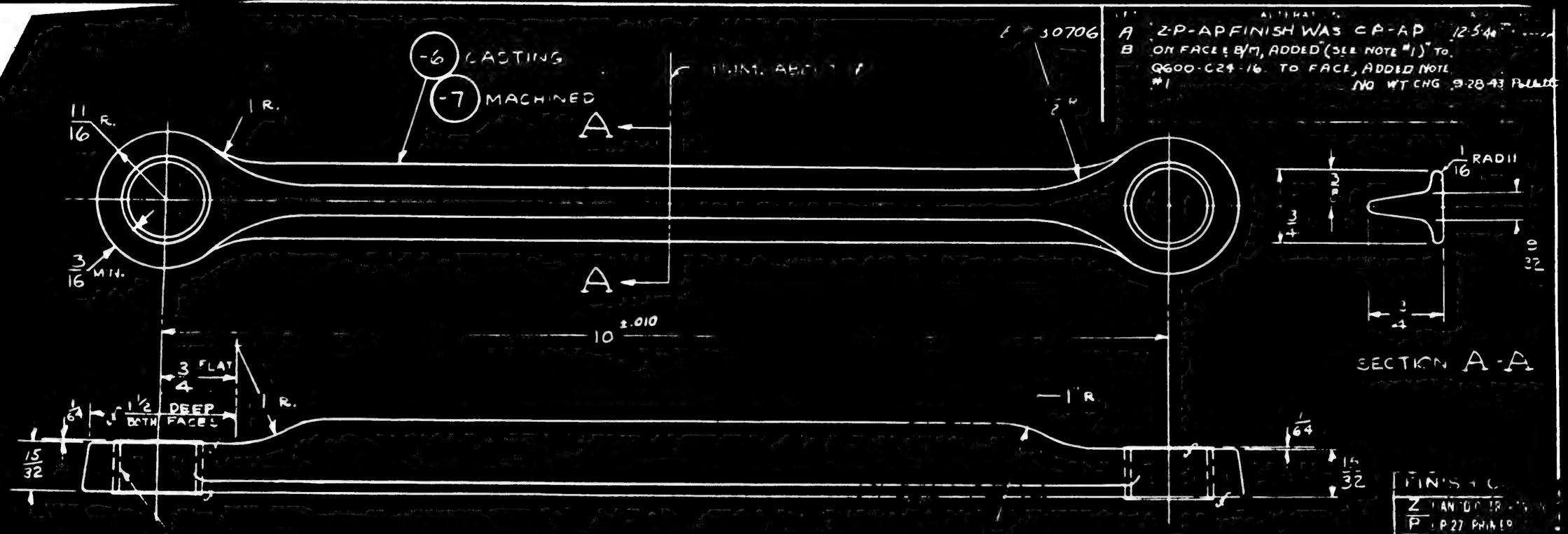
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

DWG. B SIZE

28B5577

28B5577R



A 2-P-AP FINISH WAS CA-AP 12-5-41
B ON FACE ℄ B/M, ADDED "(SEE NOTE "1") TO. Q600-C24-16. TO FACE, ADDED NOTE #1 NO WT CHG 9-28-43

FINISH
Z CHROMATE PER
P PRIMED
AP ALUM NIZED PRIMED
C CADMIUM PLATE

-REAM .8755 REF
Q600-C24-16 (SEE NOTE #1)
BOTH ENDS

NOTES-
1.- Q600-B24-16, BRONZE BUSHING, SHALL BE ACCEPTABLE AS AN ALTERNATE FOR Q600-C24-16, STAINLESS STEEL BUSHING.

ASSY DASH NO	MODEL	NEXT ASSY
	OAU-1	28B5520 2
	28-SAMC	28B5520 2
	PBY-5A	28B5520 2

REQUIREMENTS PER AIRPLANE
REPLACES .38 CALC WT
REPLACED BY ACT WT
SCALE 12" = 1'0"
STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC	-0 REQ	-2 REQ	-3 REQ	-4 REQ	-5 REQ
	Q600-C24-16 (SEE NOTE #1)							
	MAKE FROM -6 CASTING		.4641 CL 4					

PARTS LIST PER ASSY

AC
NAVY 28 [illegible]
HEAT TREAT
Z-P-AP
FINISH

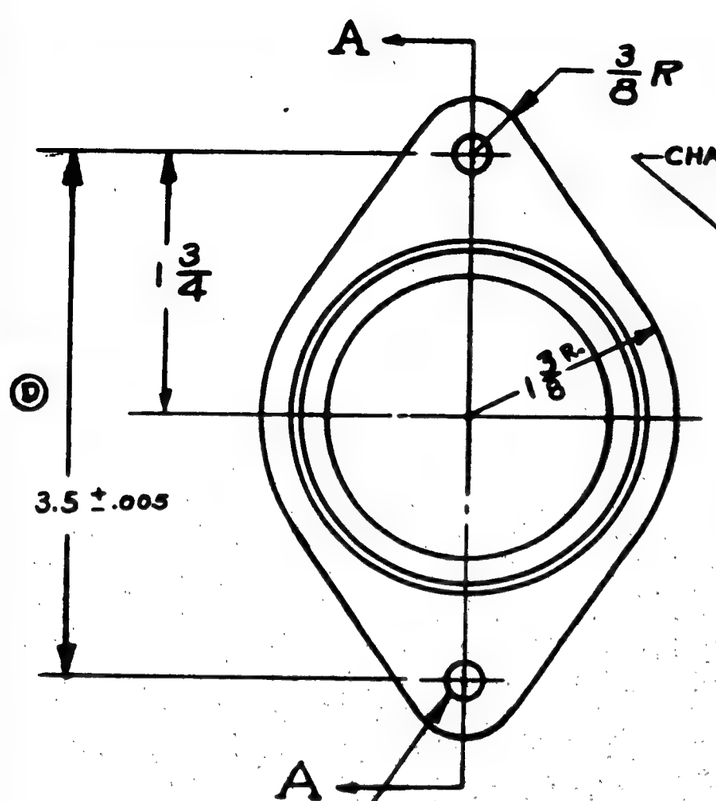
10-28-40 Robbins Romm
11-5-40 GREEN G.B.R.

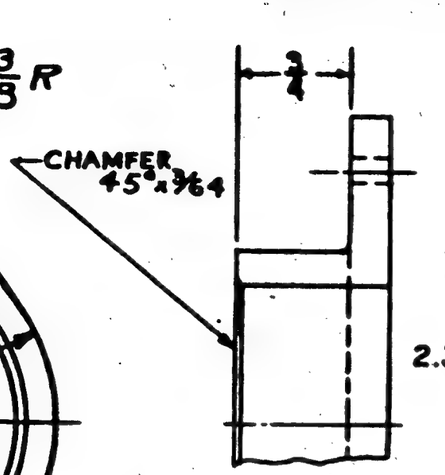
NAME IDLER
NOSE WHEEL DOOR MECHANISM - STA 2
CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF.
SIZE B
DWG 28P5578

E. FILE

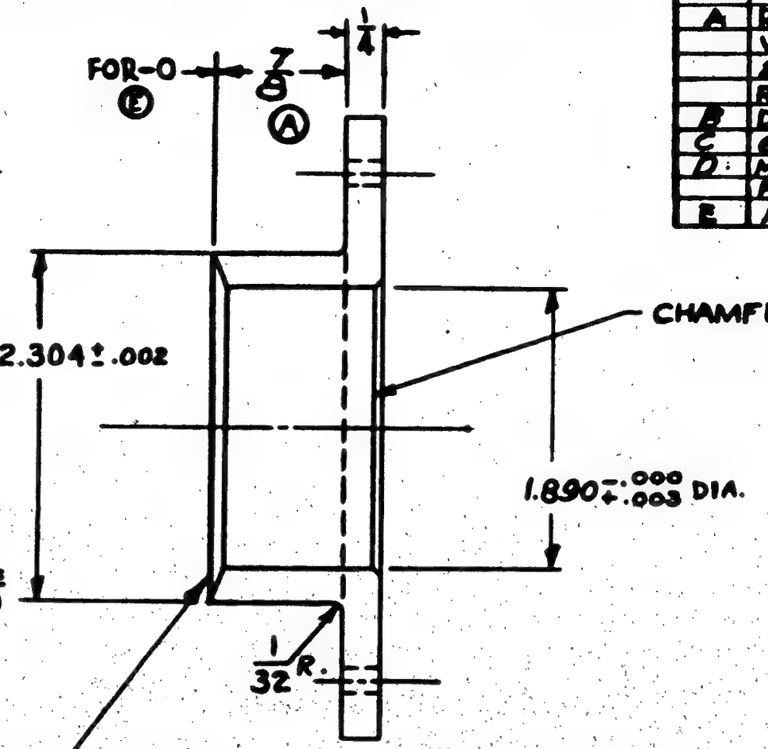
E.C.R.

LET	ALTERATION	DATE	BY
A	REMOVED 1" DIM. 7/8 DIM.		
	WAS 3/4. 2.304±.002 WAS		
	2.305±.001. 3.5±.005 WAS 3 1/2		
	REMOVED 7/16 DIM. ADDED 3/8 R.		
B	DRILL G (.261) WAS # 19 (.166)		
C	6 REQ. PER SHIP WAS 4.	9-25-41	M Hicks
D	MAT. WAS GRAPHITE IMPREG NATE		
	PHENOLIC	9-25-41	[illegible]
E	ADD -2 WITH DETAIL & REQ	9-11-41	Proco





SEC. A-A (E)
FOR -2
EXCEPT AS SHOWN HERE
-2 IS IDENTICAL TO -0



CHAMFER 30° x 7/64 (FOR -0) (F)

SECTION A-A
FOR -0

(D) MATERIAL:
MOLDED PHENOLIC
BAKELITE CORP SPEC:
BM 9644 OR EQUIV.

THIS HAS BEEN RUSH RELEASED
ON CHANGE "E" 9/17/41

-2	2B-5AMC	2885637	1
-2	0A-10	2885637	1
-2	PBY-5A	2885637	1
-0	2B-5AMC	2885520	6
-0	0A-10	2885520	6
-0	PBY-5A	2885520	6

(B) (C)

ASSY. SHOW NO.	MODEL	NEXT ASSY.	QTY.

REQUIREMENTS PER AIRPLANE

REPLACES: -2 Basic Dwg.

REPLACED BY: Adv. Dwg.

Limit on Dimensions Unless Otherwise Shown: ± 1/32 — SCALE: 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
		NOTED	NOTED										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		9-11-41	[illegible]		[illegible]	KLEIN
NAVY —	—	R. H. Robbins	Rob	GREEN	11-5-41 HBR	JWL
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	AERODY	ENG

NAME BEARING
TORQUE SHAFT - NOSE WHEEL DOOR

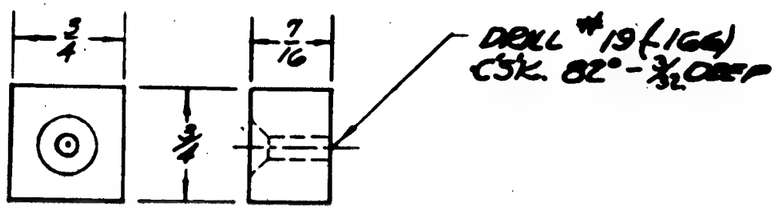
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

DWG. B SIZE 28B5585

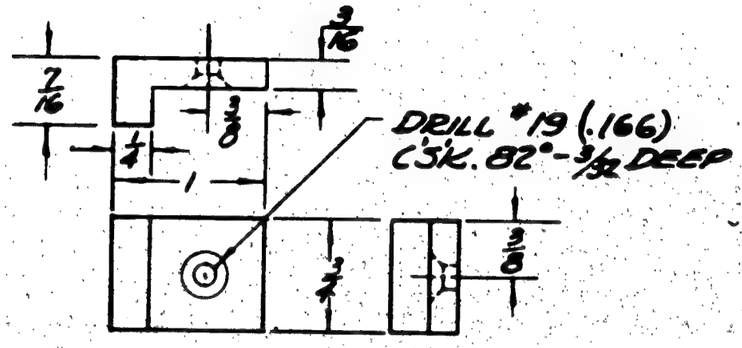
R

LET	ALTERATION	DATE	BY



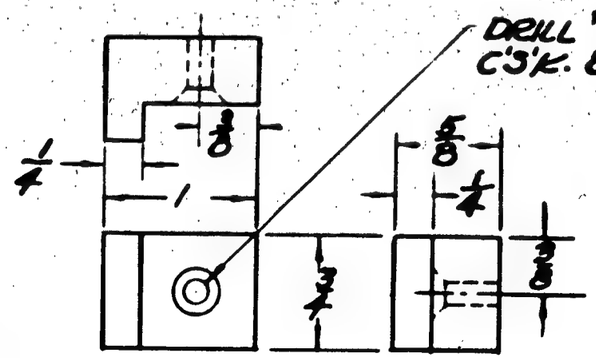
DETAIL - 6

.011 LBS



DETAIL - 7

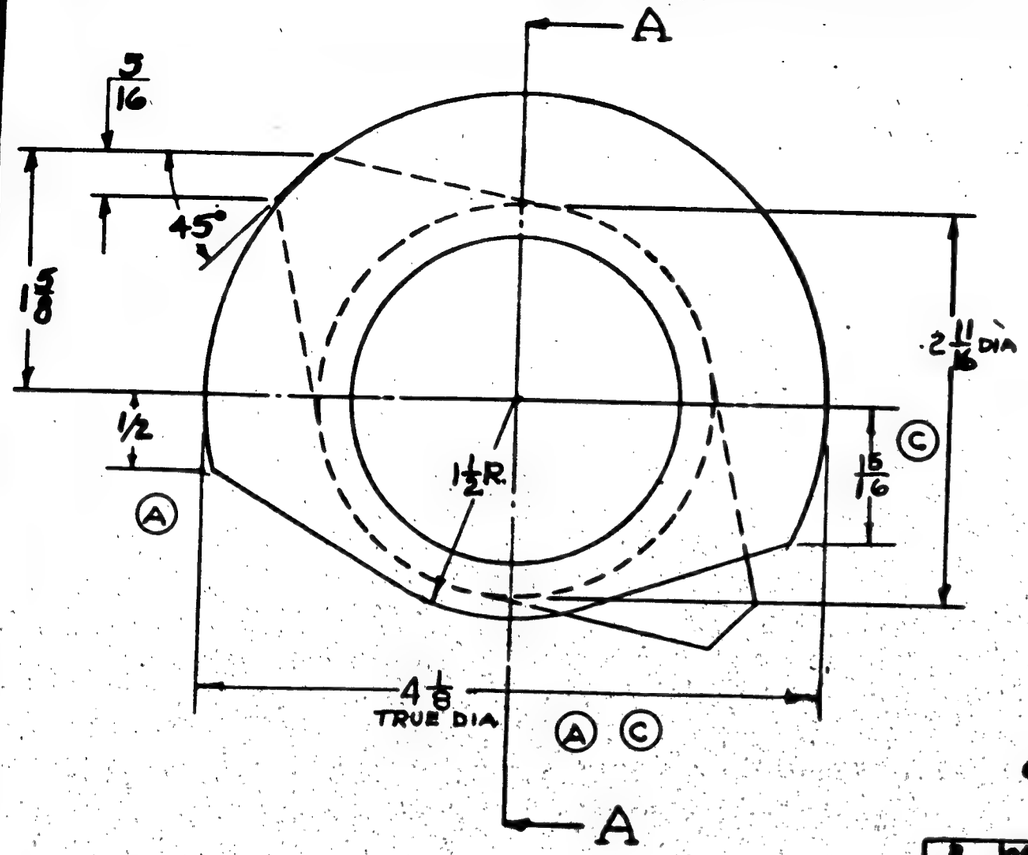
.009 LBS

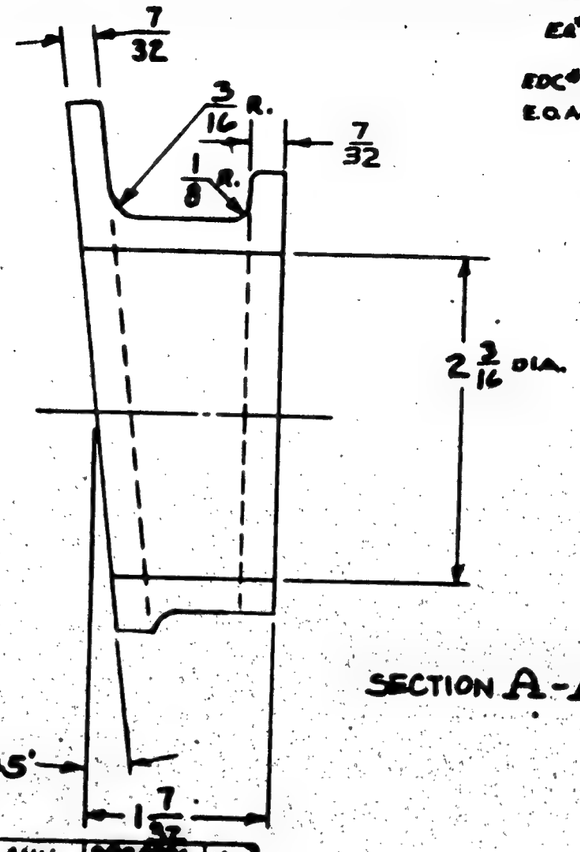


DETAIL - 8

.015 LBS

| | | |





SECTION A-A

LET	ALTERATION	DATE	BY
	EA# 30712		
A	ADDED 28B5601-R TO B/M		
	CUT OF FLANGE MAKING L FR PART	12-4-42	[illegible]
	EDC# 20482		
B	ADDED NOTE: "RIGHT HAND ETC."	12-4-42	[illegible]
	E.O. A42C06		
C	CHANGED CUT OF FLANGE ADDED 5/16 & 1 1/2 R DIMS REMOVED 7/16 DIM		
	WT. CHG. -.1#	2-17-43	ANDERSON

K

R

B

NOTE: RIGHT HAND SHOWN, LEFT HAND OPPOSITE

R	24-S AMN	28B5601	1
L	24-S AMN	28B5602	1
R	24-S AMC	28B5603	1
L	24-S AMC	28B5604	1
R	PBY-5A	28B5603	1
L	PBY-5A	28B5604	1
ASSY. BASH NO	MODEL	NEXT ASSY.	QUAN

REQUIREMENTS PER AIRPLANE

REPLACES — SALS. WT.

REPLACED BY — ASY. WT.

LIMIT ON UNMACHINED UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	CASTING	AL. ALLOY	4641 CL4										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		11-24-42					
NAVY 29,000 PSI	—	R. N. Robinson					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.

NAME HOUSING - CASTING - TORQUE SHAFT-NOSE WHEEL DOOR - STA. "1"

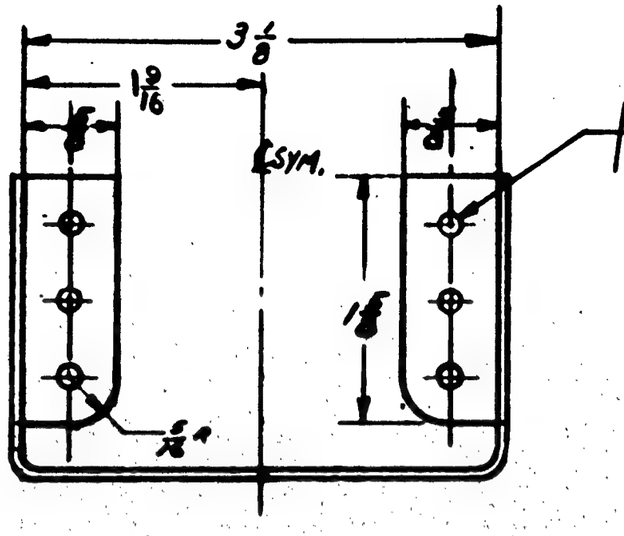
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND 28B5601-R

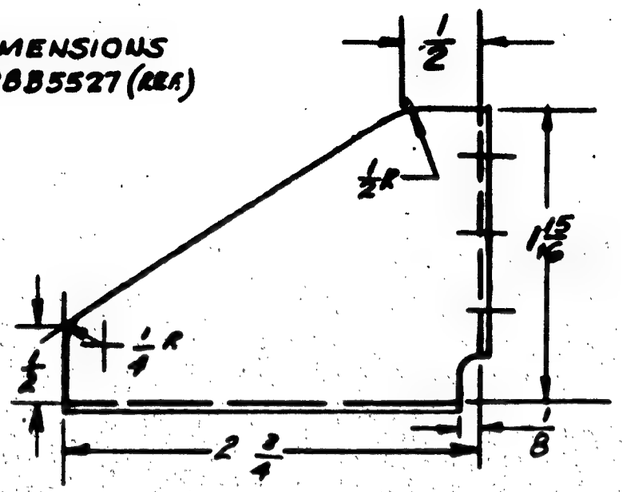
DWG. B SIZE 28B5601

R

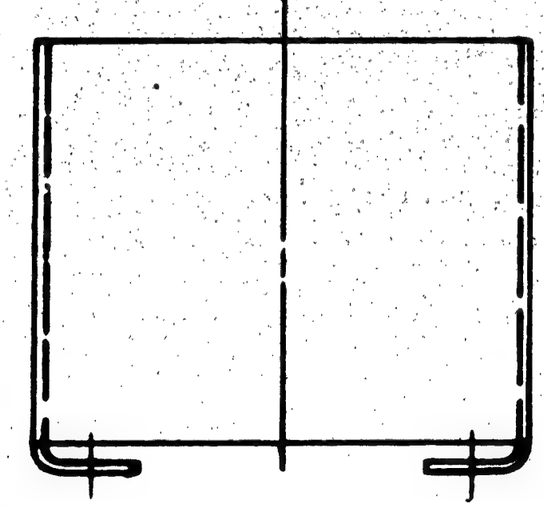
LET	ALTERATION	DATE	BY



6 HOLES - DIMENSIONS SHOWN ON 28B5527 (REF.)



—NOTE—
ALL BEND & RELIEF RADII 1/8



G.P. GREEN PRIME

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AD	ALUMINIZED PRIMER
	CADMIUM PLATE

ASSY. DASH NO.	MODEL	NEXT ASSY.	QTY.
	OA-10	[illegible]	2
	SB-[illegible]	[illegible]	2
	PBY-5A	[illegible]	2

REQUIREMENTS PER AIRPLANE

REPLACES	.15 Cons. Wt.
REPLACED BY	Asy. Wt.
LAST ON DRAWING UNLESS OTHERWISE SPECIFIED: 1/32	SCALE 12" = 1'-0

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	@ 06# [illegible]	[illegible]	[illegible]	1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		9 Oct	Ted	B	Thomas		Jack
NAVY SB-53	2-2P-1[illegible]G P	14/6/40	Ellen		JP.E.		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG

NAME BRACKET - M.L.G. DOWNLATCHING JACK

OPP. HAND

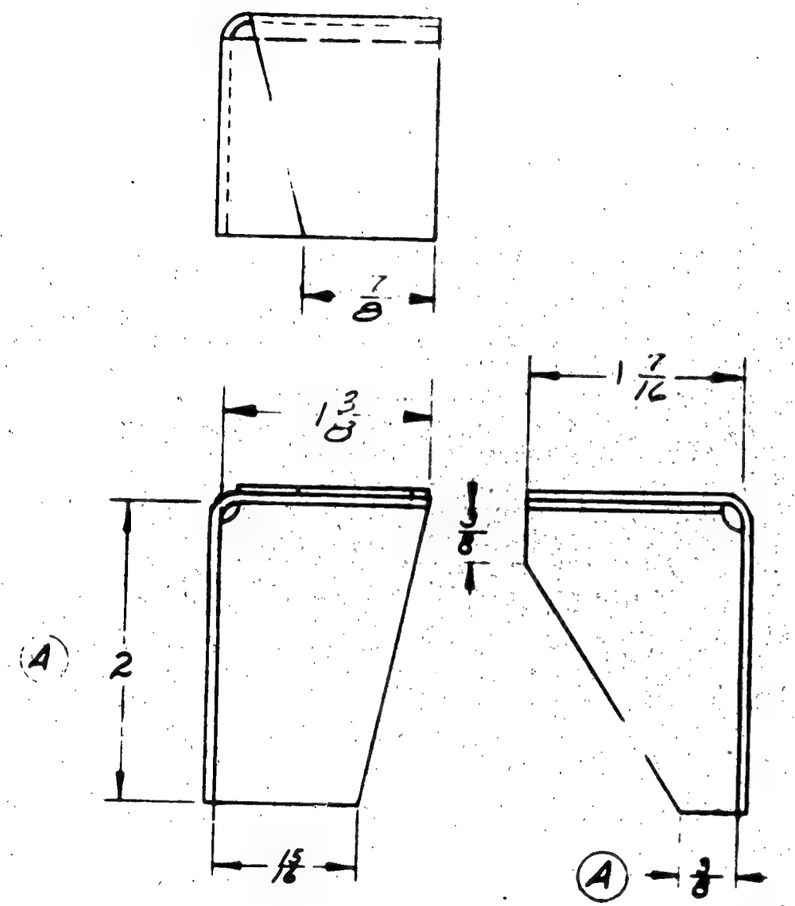
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28B5616

R

E.O. 39717
PBY-5 & PBY-5A

LET	ALTERATION	DATE	BY
A	2" DIM. WAS 1 3/16. REMOVED 1/16 R. AND ADDED 3/16 DIM'S. CALS. WT. CHG'D FROM .049 TO .050	1-24	DCMM



NOTE ALL RADII 1/8 UNLESS OTHER-WISE SPECIFIED

OF CONTRACT #70496 ONLY
SALES ORDER
936-53

	PBY-5A	28B5287	2
OR	PBY-5A/B	28B5041	1
OL	PBY-5A/B	28B5042	1
OR	PBY-5	28B5043	1
OL	PBY-5	28B5044	1
ASSY BASH NO	MODEL	NEXT ASSY.	QUAN

REQUIREMENTS PER AIRPLANE

REPLACES .060 GALC WT.

REPLACED BY ACT. WT

SCALE 18"=1'-0"

STAMP PART NUMBERS WHERE SHOWN

FINISH CODE

Z	ANODIC TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

PART NO	STOCK	MATERIAL	SPEC	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.064 x 3 x 3	ST. ALC.	4715-T										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		UNCL				FA		
NAVY 5R53T	Z-P-AP	12-26-42	LOC			FRF		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG	

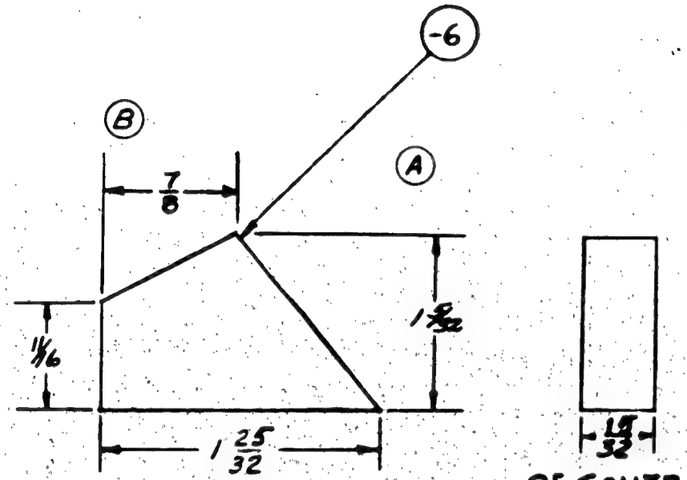
NAME CLIP - ARMOR PLATE REAR SPAR

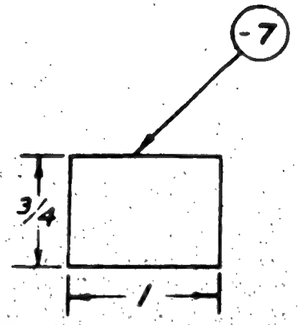
OPP. HAND 28B5617-R

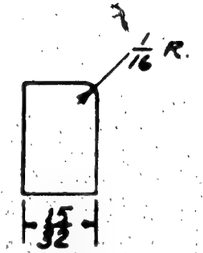
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28B5617

LET	ALTERATION	DATE	BY
	E.O.A 42351		
A	REVISED -6 & ADDED DIMS.		
	11/16 & 1 5/32, WT. CHG. NEG.	6-2-42	EME
	EQA 59324		
B	ADDED 7/8 DIM. TO -6. WT.		
	CHG. NEG.	10-8-42	WERNER







OF CONTRACT
* 70496 ONLY
SALES ORDER
* 936-53

-7	PBY-5B	28U5068	4
-	PBY-5A	28U5067	4
-6	PBY-5B	28U5069	2
-6	PBY-5A	28U5069	2
-7	PBY-5	28U5069	4
-6	PBY-5	28U5069	2
ASSY DASH NO.	MODEL	NEXT ASSY.	QTY

REQUIREMENTS PER AIRPLANE

REPLACES -5: 2.8#
-7: .0#
Assy. Wt.

REPLACED BY
Assy. Wt.

Layout on Engineering Drawings unless otherwise specified: 1/64
SCALE 12" = 10"

STAMP PART NUMBER WHERE SHOWN

PURCHASE TO DWG.

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				PARTS LIST PER ASSY.				-0		-2		-3	-4	-5
	-7	15/32 x 3/4 x 1	PHENOLIC TYPE-FBG	-										
28B5619	-0	15/32 x 1 1/16 x 15/32	PHENOLIC	FORMS										

AC		Tentative		JPE				
NAVY		12-26-42	LEE					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG	

NAME SPACERS
ARMOR PLATE-REAR SPAR-PHENOLIC

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF

OPP HAND

DWG SIZE B

28B5619

A

$6\frac{1}{4}$ R

$3\frac{7}{8}$

$3\frac{9}{16}$

A

ALL BEND RELIEF RADII $\frac{3}{8}$

$\frac{1}{2}$

$5\frac{1}{4}$ AIC SHT

REQUIREMENTS PER AIRPLANE

1/32 .1 12 = 1.0

STAMP PART NUMBER WHERE SHOWN

PARTS LIST PER ASSY

VanKirk 2/10/41

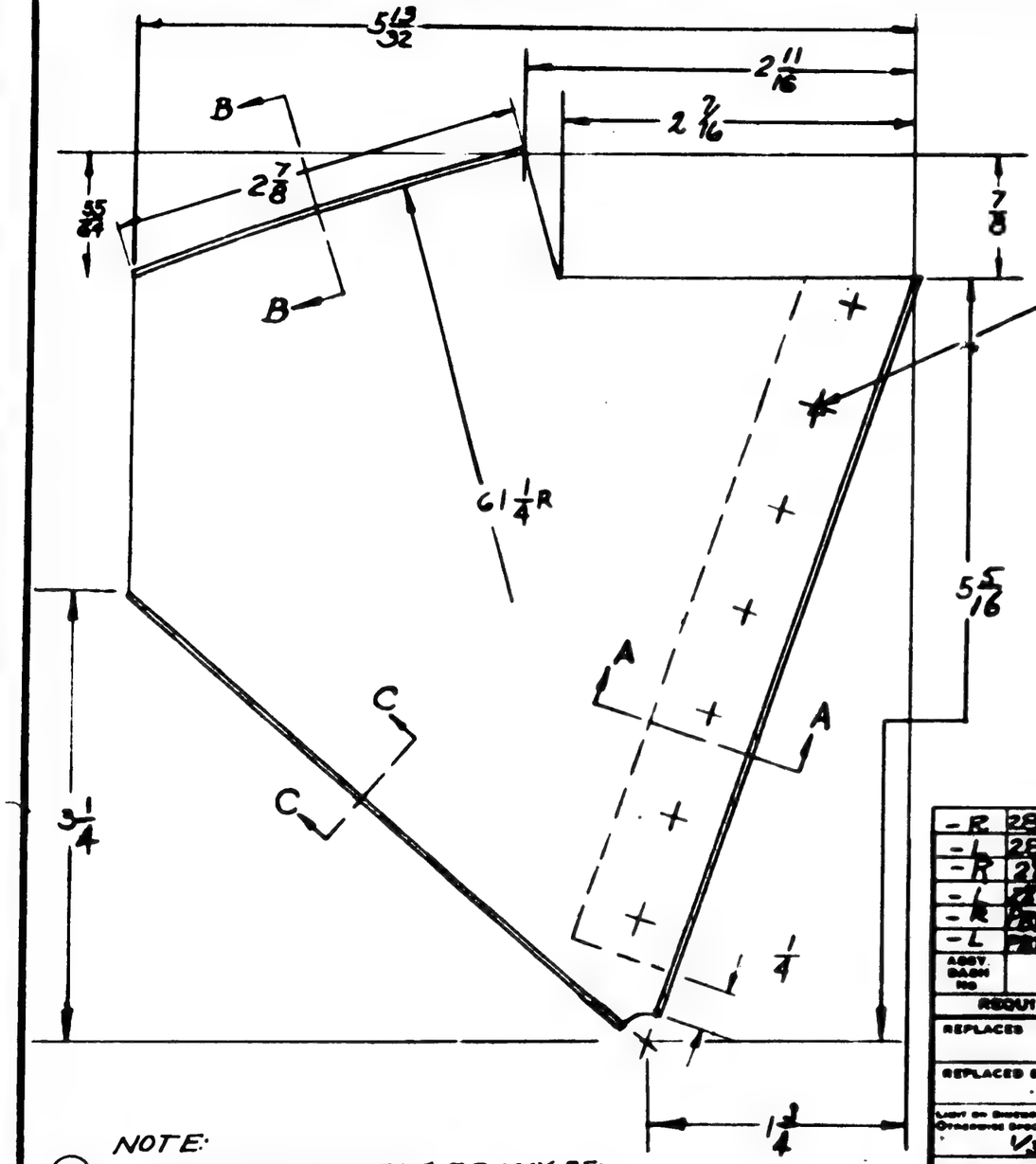
-0 -2 -3 -4 -5

FHF

NAME

CONSOLIDATED AIRCRAFT CORP

DWG B



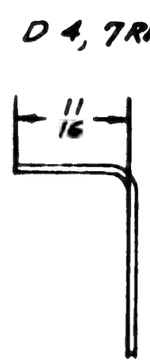
NOTE:
(D) L- MATERIAL FOR -7L & -7R MAY BE:
(A) Y 2-A27RT X 5 1/4, OR
(B) K5401 X 5 1/4, AL. AL. EXTR, SPEC. QQ-A-354-T.

NOTE:
(B) L.H. PART SHOWN
R. H. PART OPPOSITE

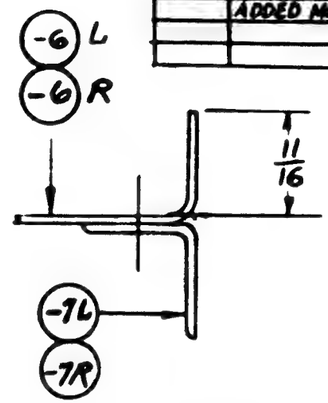
28-5AMC, PBY-5A 10A-10 E.O.- A 383

PBY-5A, 28AMC, 9A-10 E.O. A 5766

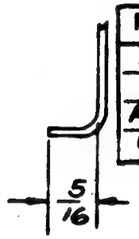
LET	ALTERATION	DATE	BY
A (B)	MATERIAL SPECS. CHANGED FROM COND. T TO COND. A. ON -6L/R	6-9-41	SALS
B (B)	NOTE WAS "L.H. PART SHOWN L.H. OPP."	7-3-41	[illegible]
C	IN B/M FOR -7L & -7R, REPLACED "K5401 X 5 1/4, AL AL EXT, A&A SPEC" WITH "Y-2-A27RT X 5 1/4" DRGT RELEASED UP TO DATE WT. CHG. NEG.	5-6-43	[illegible]
D	IN B/M FOR -7L/R, REPLACED Y-2-A27RT X 5 1/4" WITH "NOTED" & ADDED "NOTED" TO MAT'L SPEC.		
	ADDED MAT'L NOTE FOR -7L/R NO WT CHG.	10-16-43	LARSEN



SECTION B-B



SECTION A-A



SECTION C-C

FINISH CODE	
Z	ANODIC TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CHROMIUM PLATE

ALL RELIEF RADII 3/16
ALL BEND RADII 1/8

-R	28-5 AMN	28F5984	1														
-L	28-5 AMN	28F5984	1														
-R	28-5 AMC	[illegible]	1														
-L	28-5 AMC	[illegible]	1														
-R	PBY-5A, 9A-10	[illegible]	NA														
-L	PBY-5A, 9A-10	[illegible]	NA AN 442 D 4														
ASSY. EACH SHP	MODEL	NEXT ASSY	QTY														
REQUIREMENTS PER AIRPLANE																	
REPLACES .18 CALC. WT																	
REPLACED BY ACT. WT																	
LIGHT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED V.32 UNITED	SCALE 12" = 1'-0"																
STAMP PART NUMBER WHERE SHOWN																	

	PART NO	STOCK	MATERIAL	SPEC	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
	-7R	NOTED	NOTED	NOTED	1									
	-7L	NOTED	NOTED	NOTED		1								
(D)	-6R	.051 X L 5/16 X 7 3/8	AL. ALL.	47A10 COND A	1									
(D)	-6L	.051 X L 5/16 X 7 3/8	AL. ALL.	47A10 COND A		1								
PARTS LIST PER ASSY.					-0		-2		-3		-4		-5	

AC		VAN Kirk	Farrell	Green	FRF		Co
NAVI SR-53	Z-P-2AP	2/7/41			JPK		Jack
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG

NAME REINF. GUSSET - HULL - MECH SEAT SUPPORT STA 1

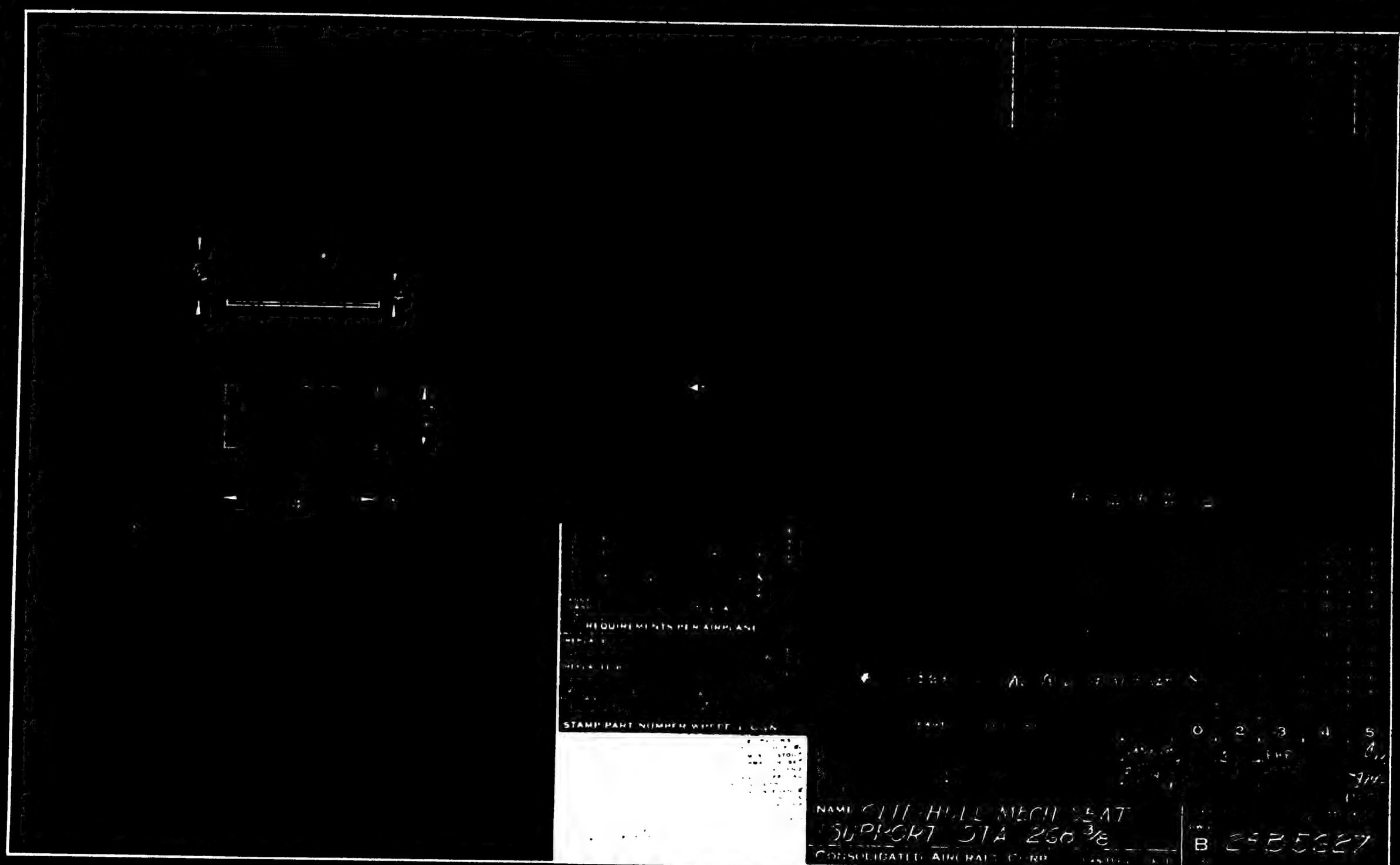
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND 28B5626-R

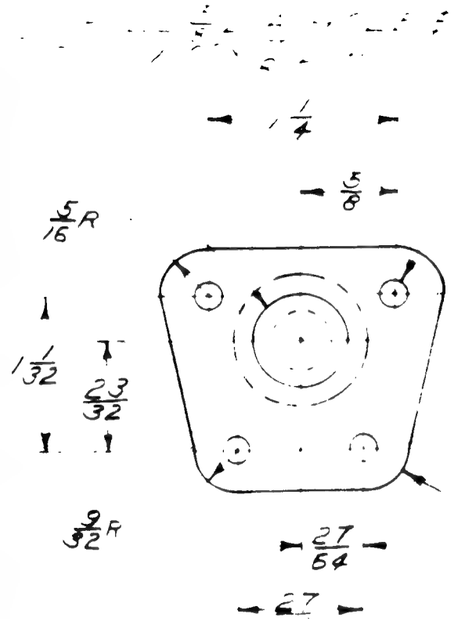
DWG B 28B5626

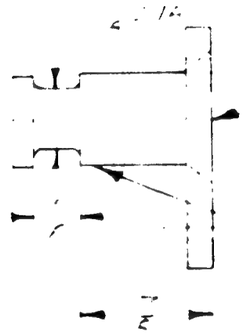
SIZE

R 28B5626


REQUIREMENTS PER AIRPLANE
STAMP PART NUMBER
NAME SUPPORT
CONSOLIDATED AIRCRAFT CORP
B 24B5627

LET	ALTERATION	DATE	BY
C	TRACED, NOT CHG.	9/29/43	SAEP





WELL -9 TO -6 ON THIS SIDE ONLY & GRIND SURFACE SM[illegible] AFTER WELD

ASSY DASH NO	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

REPLACES 9-9

REPLACED BY

CALC WT

ACT WT

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: [illegible]

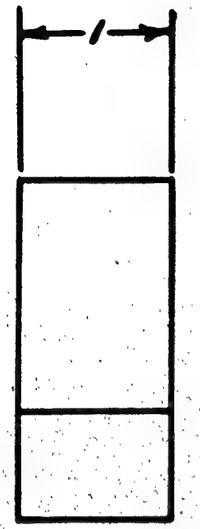
SCALE

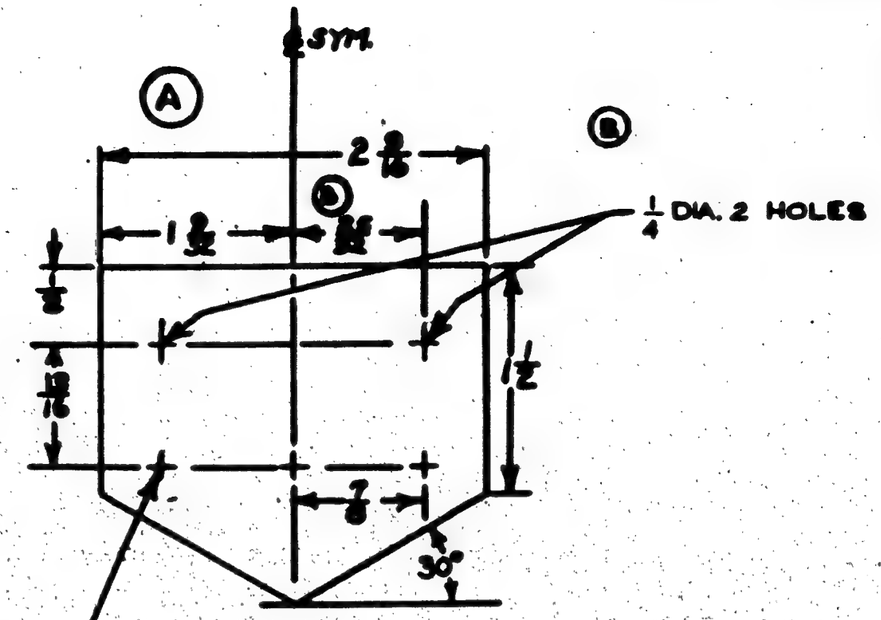
STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	SELIA 1/8 CM ST. ROD		AN-QQ-A-695	1									
	2 1/16		AN-QQ-A-695	1									

LET	ALTERATION	DATE	BY
A	CHGD DIMS & MICARTA TO PARTS SHEET		
	TO SEE SHEET-16 WHICH IT SUPERSEDES	8-26-42	
B	#7 (.128) DIA. 3 HOLES WAS 5 HOLES		
	ADDED 5 DIA. 2 HOLES: OMIT-		
	TED CENTER UPPER HOLE.		
	2 DIM. WAS 3/8. 3 WAS 5/8.		
	3/8 WAS 5/8 - ADDED 1/8 DIM. W.C.K.	1-12-43	

E.O. "A" 16109





.128 DIA. 3 HOLES

PURCHASE TO DWG.

28-SAN	28B5632	1	
29-SAN	28B5632	1	
AAY-SA	28B5632	1	
CODE IDENT. NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS FOR AIRPLANE

REPLACED 28B5632-A	.228 SHT. WT.
REPLACED BY	ADD. WT.
LAST ON DRAWING ENGINE NUMBER 1/32	SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH RH REQ. -0	LH RH REQ. -2	LH RH REQ. -3	LH RH REQ. -4	LH RH REQ. -5
	3/4 X 2 5/16 X 2 3/8	MICARTA	NP-AA-P-406					
PARTS LIST PER ASSY.								

AC NAVY	NAME	6-26-42					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV.	ENG.

NAME STOP - NOSE WHEEL DOOR HULL - FORWARD BOTTOM

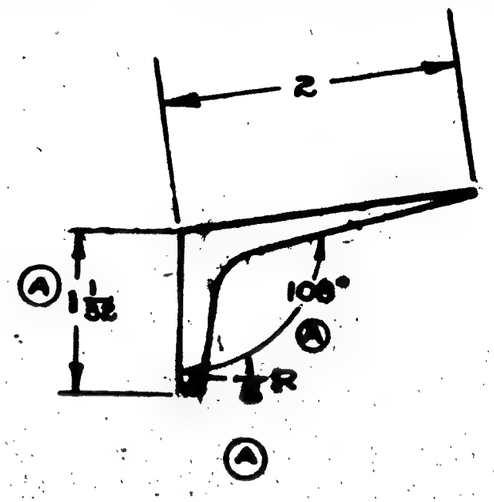
OPP. HAND

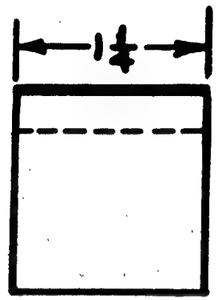
CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

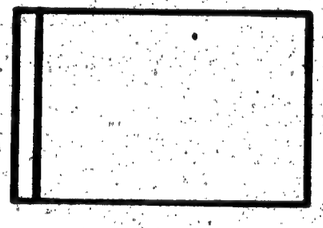
DWG. B SIZE 28B5632

R

LET	ALTERATION	DATE	BY
A	ON DWG. 1/2 DIM WAS 3/32 · 108°		
	WAS 108° & ADDED R	10-1-41	
	W.T. CHGD. NOTE		







MAKE FROM K14049 EXT.

THIS DWG. HAS BEEN RUSH RELEASED.
7-30-41

ASSY. SERIAL NO.	MODEL	NEXT ASSY.	REQ.
	28-5AM1N	[illegible]	4
	28-5AM1C	[illegible]	4
	28-10	[illegible]	4
	PBY-5A	[illegible]	4

REQUIREMENTS PER AIRPLANE

REPLACES	.056 GAGE THY.
REPLACED BY	ASY. THY.
SCALE OF ENGINEERING DRAWING REPRODUCED REDUCED TO	SCALE 12" = 1'0"
1/64	

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
	K14049X1/8	AL. ALLOY	24ST										

AC NOTED			7-29-41					
NAVY						JEN	10-7-41	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME CLIP — HULL — BOTTOM STRINGER — STA. #1

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

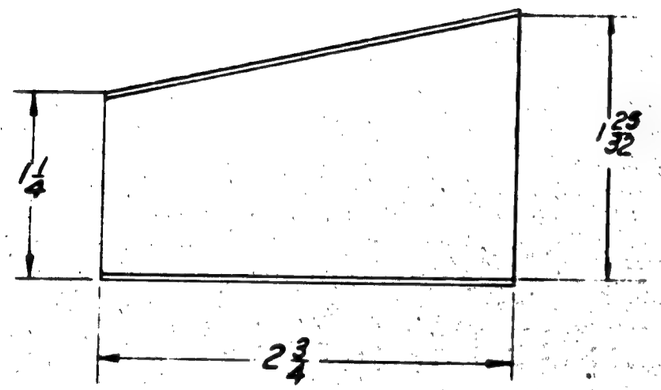
OPP. HAND

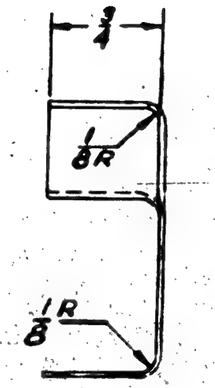
SIZE B

28B5634

R

LET	ALTERATION	DATE	BY
A	ADDED - LEFT-A FOR PBY-5A C. NO-(S) 464 NO WT. CHG.	7-1-43	





C. NO. (S) 464

R	PBY-5A	28B2650	1
L	PBY-5A	28B2650	1
R	28-5AMN	28B2650	1
L	28-5AMN	28B2650	1
R	PBY-6B	28B2650	1
L	PBY-6B	28B2650	1
R	PBY-5	28B2650	1
L	PBY-5	28B2650	1

CONTRACT #91876

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES — -R= 0.1 lbs -L= 0.1 lbs CALC WT.

REPLACED BY — ACT. WT.

LAYOUT OR DRAWINGS UNLESS OTHERWISE SPECIFIED: 1/32 | SCALE: 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

FINISH -
Z-ANODIZE
P-P-27 PRIMER

PART NO	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
	.040 x 3 1/16 x 3 1/4	ALCLAD	47A8-T						

PARTS LIST PER ASSY.

AC		2-2-42					
NAVY NONE	Z-P-GP	Street	11	2-13-42	2-17-42		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG

NAME BRACE-HULL-TUNNEL GUN DOOR LATCH SUPPORT

OPP. HAND 28B5656-R

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

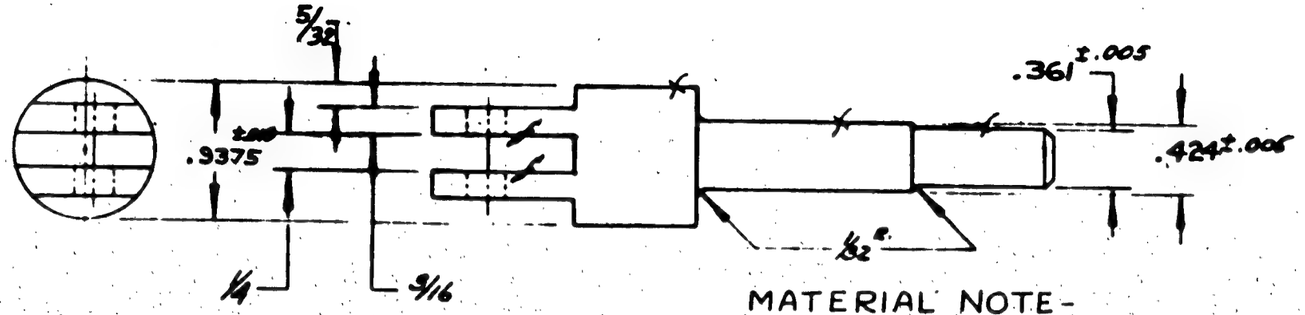
DWG. B SIZE 28B5656

28B5656

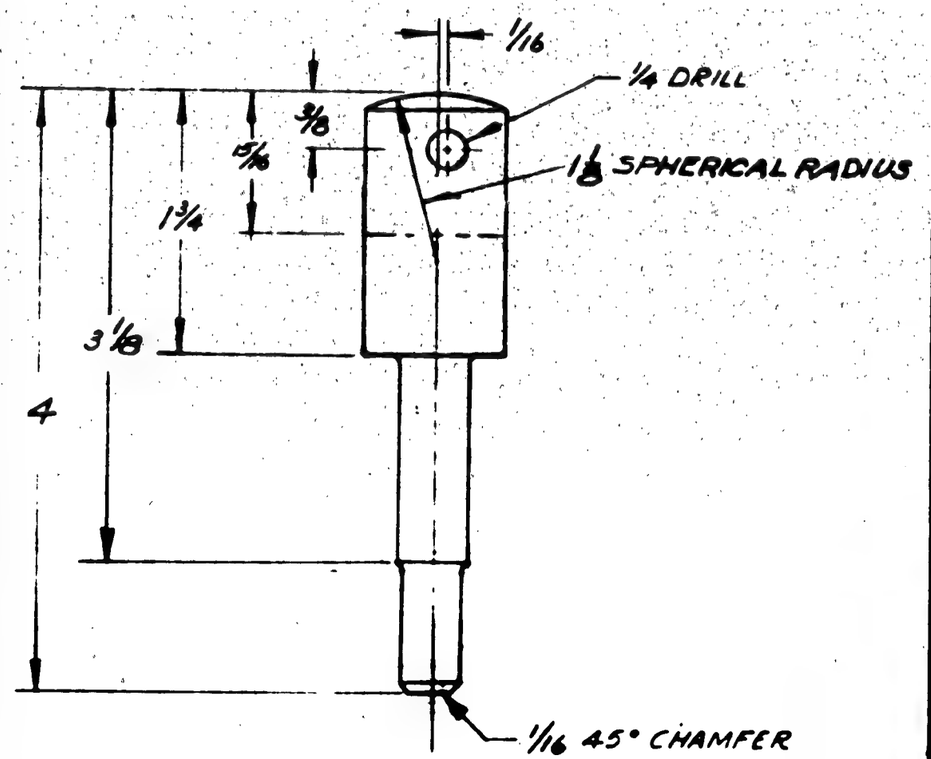
R

LET	ALTERATION	DATE	BY
A	1½ SPHERICAL RADIUS WAS 1½ RADIUS ON FACE	5-12-41	G-HOOT
B	IN R/M, FOR -6, REPLACED "1 DIA x 4⅛, ST. STL. ROD, AGGIA OR 7E" WITH "NOTED" TO FACE, ADDED MAT'L. NOTE. NO WT CHG	9-11-43	P.E.H.

A.O. 36191
PBY-5



MATERIAL NOTE-
MAT'L FOR -6 MAY BE-
(A.) 1 DIA. X 4 1/8, STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. FM, COND. B, OR
(B) 1 DIA. X 4 1/8, STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. A.



(A)

SALES ORDER 936-51 CONTRACT CHANGE "Z."

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-6	NOTED	NOTED	NOTED										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

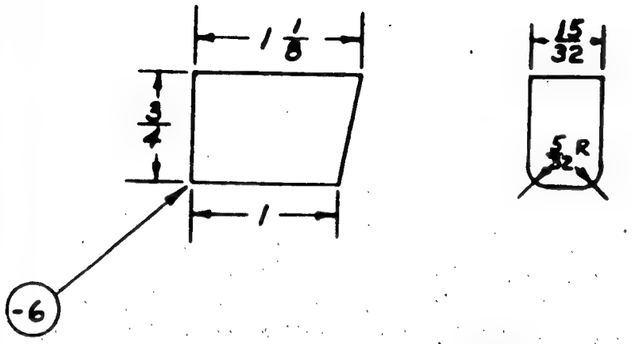
PBY-5 2B5666 1
ASSY. DASH NO. | MOD EL | NEXT ASSY. | SER.
REQUIREMENTS PER AIRPLANE
REPLACED — CALC. WT.
REPLACED BY — ACT. WT.
SCALE 1 1/2 1
STAMP PART NUMBER WHERE SHOWN

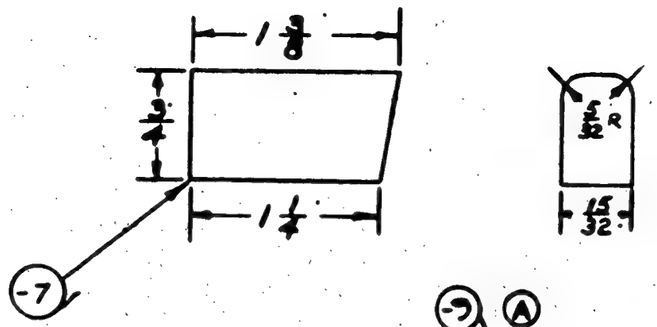
AC			LCB	Glenn	HOWARD		
NAVY ——	POLISH	WON SMITH			FRF		R
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG

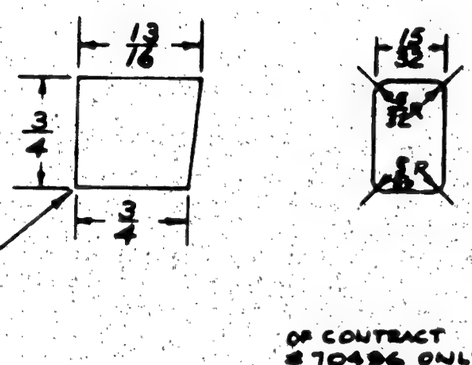
NAME PLUNGER-HULL-MOORING GEAR QUICK RELEASE FITTING
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
OPP. HAND NONE
DWG. B SIZE
28B5666

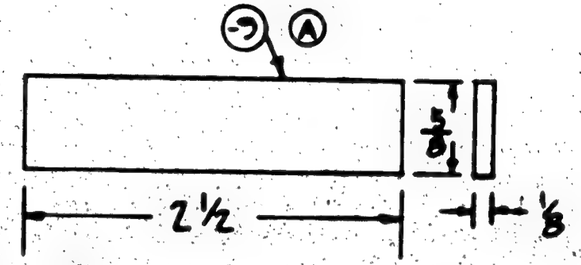
28B5666

LET	ALTERATION	DATE	BY
A	-5 ADDED	8/22/41	[illegible]









PURCHASE TO DWG.

OF CONTRACT #70496 ONLY — (33 AIRPLANES)

S.O. #936-53

-9	PBY-5A	28U5073	2
-8	PBY-5A	28U5073	4
-7	PBY-5A	28U5073	2
-6	PBY-5A	28U5073	2
-8	PBY-5	28U5073	4
-7	PBY-5	28U5073	2
-6	PBY-5	28U5073	2
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.

PBY-5B SAME AS PBY-5A

REQUIREMENTS PER AIRPLANE

REPLACES — .329 Calc. WT.

REPLACED BY — Act. WT.

LIST ON DRAWINGS UNLESS OTHERWISE SPECIFIED: * —

SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

	PART NO.	STOCK	MATERIAL	SPEC.
A	-9	1/8 x 3/8 x 2 5/16	PHENOLIC	
	-8	1/8 x 3/4 x 1 1/8	PHENOLIC	
	-7	1/8 x 3/4 x 1 1/8	PHENOLIC	
PBB5670	-6	1/8 x 3/4 x 1 1/8	PHENOLIC	USE TYPE FOR PART #

PARTS LIST PER ASSY.

	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	-0		-2		-3		-4		-5	

AC — NAVY — HEAT TREAT — FINISH — DRAFT 1-8-44

CHECK	STRUCT.	MAT.	APPROV	ENG.
[illegible]	[illegible]	BMH		[illegible]
WS		KPP		[illegible]

NAME SPACERS - ARMOR PLATE BLKH'D - HULL STA. #5

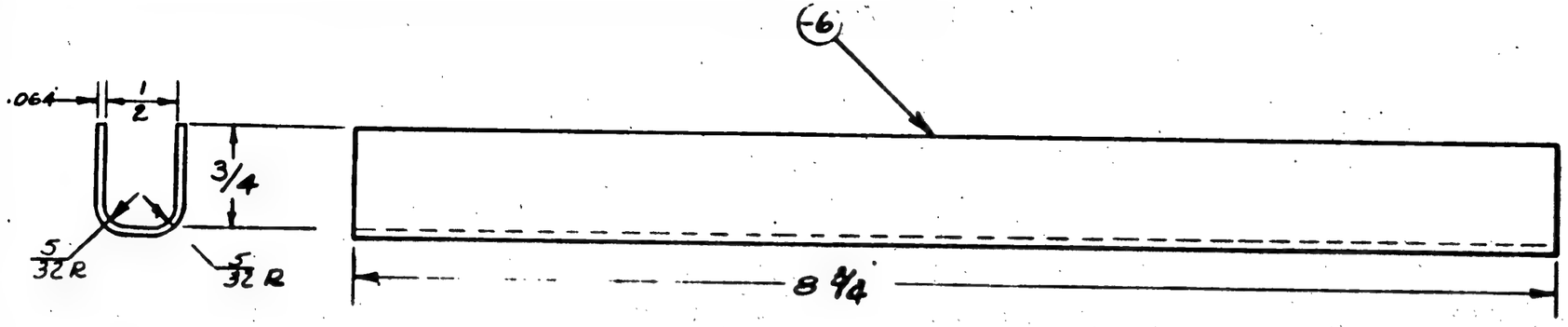
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

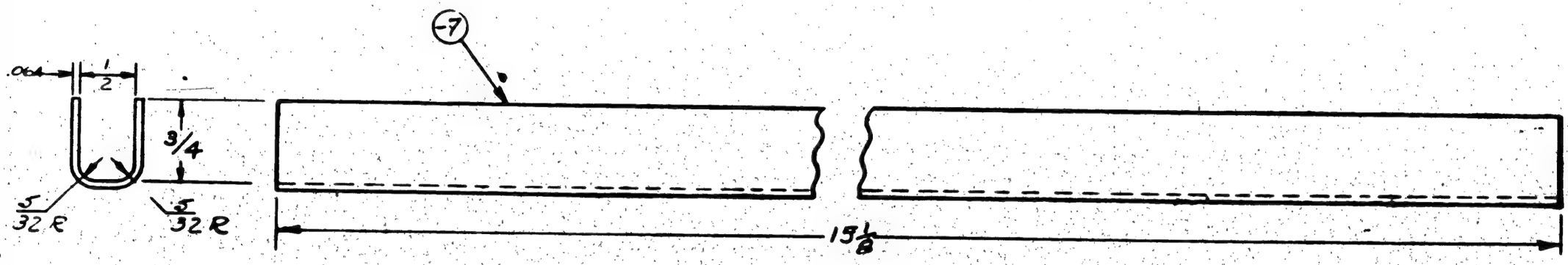
OPP. HAND

SIZE B — 28B5670

R

LET	ALTERATION	DATE	BY





OF CONTRACT #70496 ONLY (88 AIRPLANES)

S.O. # 936-53

ASSY. DASH NO.	MODEL	NEXT ASSY.	QUAN.
-7	PBY-5A	28U5073	1
-6	PBY-5A	28U5073	1
-7	PBY-5	28U5073	1
-6	PBY-5	28U5073	1

REQUIREMENTS PER AIRPLANE

REPLACES

.318 GROSS WT.

REPLACED BY

NET WT.

SCALE: 12" = 1'0"

± 1/32

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
-7	.064 x 2 1/8 x 19 5/8	ALCLAD 24ST	47-AB-T										
-6	.064 x 2 1/8 x 8 3/4	ALCLAD 24ST	47-AB-T										

PARTS LIST PER ASSY.

AC			W. N. Schutt			BMN	
NAVY SB-53T	Z-P-AP	1/8-40				FAF	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG.

NAME CHANNEL - ARMOR PLATE BULKHEAD - HULL STA. #5

OPP. HAND

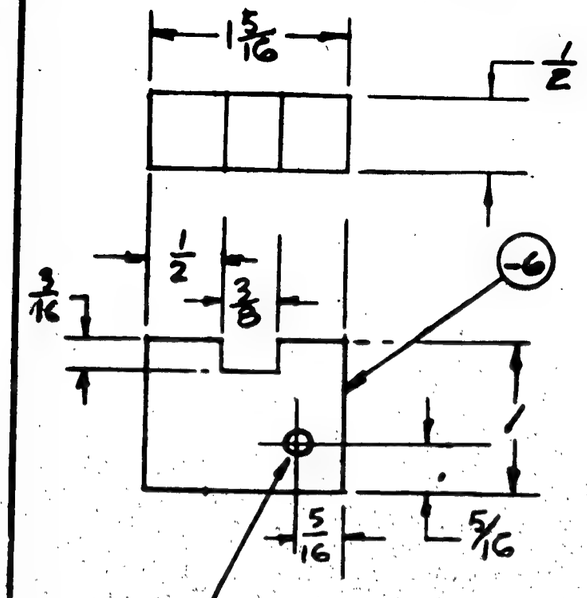
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

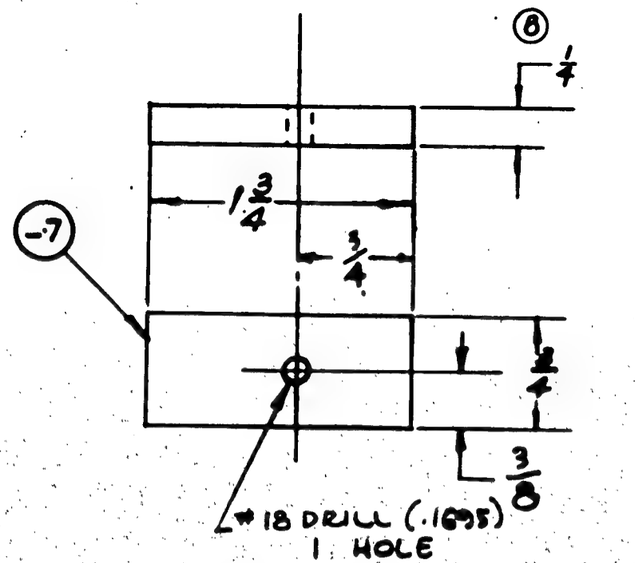
SIZE B

28B5671

LET	ALTERATION	DATE	BY
A	ON -6 : 5/16 DIM. CHANGED TO 15/16 & 3/4 DIM CHG'D. TO 5/16 . -8 ADDED	3/10/41	
B	DIM 1/4 WAS 1/2. WT. CHG. NEG.	10-8-[illegible]	

E.O.A53894





-8	PBY-5	2 BUSHING	1
-8	PBY-5	2 BUSHING	1
-7	PBY-5A	2 BUSHING	1
-7	PBY-5A	2 BUSHING	1
-7	PBY-5B	2 BUSHING	1
-7	PBY-5B	2 BUSHING	1
-7	PBY-5	2 BUSHING	1
-6	PBY-5	2 BUSHING	1
-7	PBY-5	2 BUSHING	1
-6	PBY-5	2 BUSHING	1
ASSY. DRAWING No.	MODEL	NEXT ASSY.	REQ.

C 70496

OF CONTRACT #70496 ONLY

C 70496

C 70496

REQUIREMENTS PER AIRPLANE

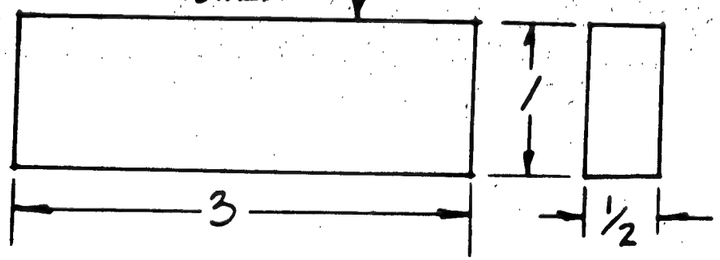
REPLACES — GALS. WT.

REPLACED BY — ASY. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32" — SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

NOTE: THIS PART TO BE DRILLED & TAPPED ON ISTALL.



PURCHASE TO DWG.

PART No	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4	-5
-8	1/2 X 1 X 3	PHENOLIC									
28B5696-7	1/2 x 3/4 x 1 3/4	PHENOLIC	TYPE [illegible]								
28B5696-6	1/4 x 1 x 1 15/16	PHENOLIC	[illegible]								

PARTS LIST PER ASSY.

AC							
NAVY							
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME STOPS - BOTTOM ARMOR PLATE - GAS TANK SUMPS

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

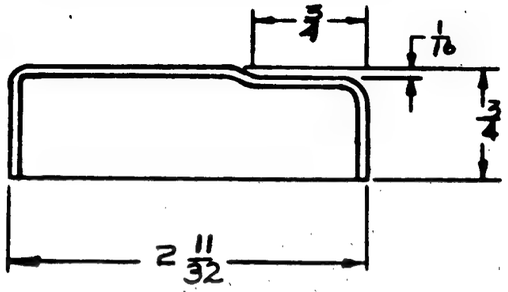
SIZE B

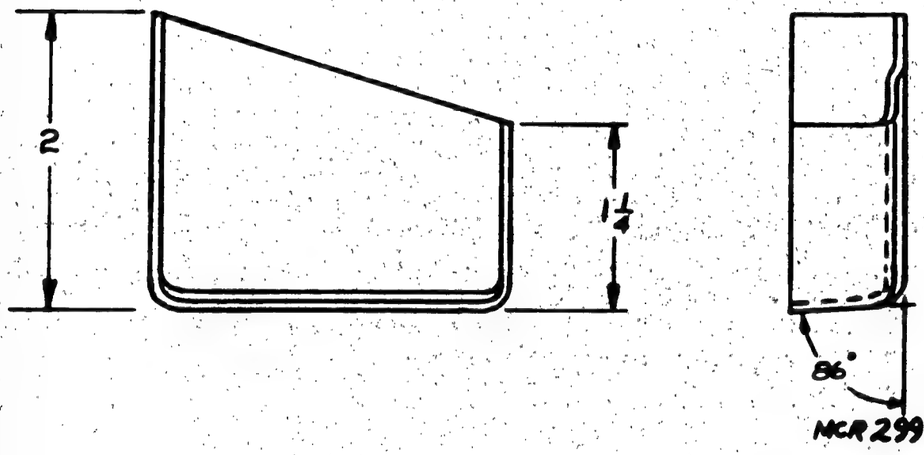
28B5696

R

LET	ALTERATION	DATE	BY

28B5714





NCR 299

-R	PBY5A	28B5590	1
-L	PBY5A	28B5590	1

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ'D
REQUIREMENTS PER AIRPLANE			

REPLACES .04 GALC. WT.

REPLACED BY ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/16" ∠ ± 1/2° SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

ALL BEND RADII 3/16.

APPROVED FOR TOOLING BY 8-5-43

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.051 X 3 X 4 1/16	AL. AL. SH.	47911-A										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		7-24-43		
NAVY NONE	Z-P-GP	8-12-43		9-1-43
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT. MAT. APPROV ENG

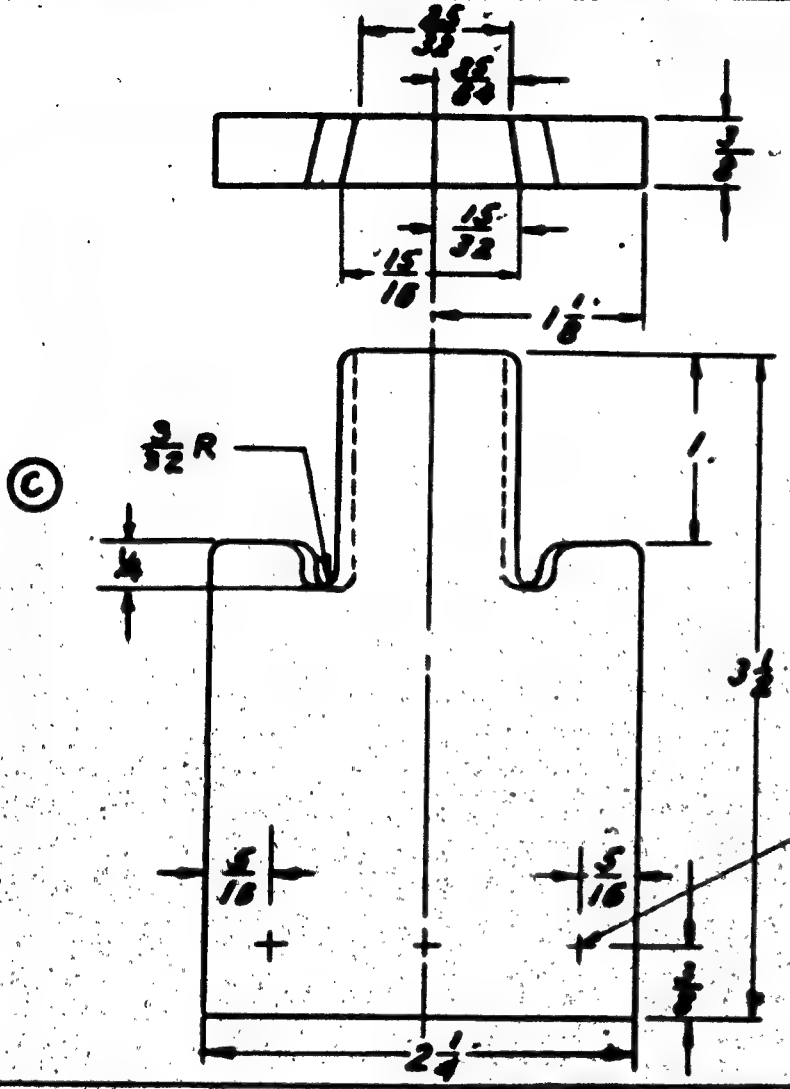
NAME CUP-HULL BULKHEAD STA. 5.0 WATERTIGHT

OPP. HAND 28B5714 R

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28B5714

R



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION		BY
A	TRACED	10-[illegible]	[illegible]
B	ADDED G.S.P.B.C. TO SHEET.	1-[illegible]	[illegible]
C	ADDED SLOTS	10-12-38	[illegible]

NOTE:-ALL RADII 1/8" EXCEPT AS NOTED

PRICK PUNCH 3-PLACES OPP. SIDE

	P8Y-5B	28F5292	1								
	P8Y-5A	28F5293	1								
	P8Y-4	28F5076									
	P8Y-3	28F5076									
	P8Y-2	28F5076									
	P8Y-1	28F1572									
D.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		

REPLACES

REPLACED BY

LIMIT ON DECIMALS UNLESS OTHERWISE SPECIFIED ±

APPROVED [redacted] DATE 10-30-38

CALC. WT. .11 ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY 1/2 PIPE MILK M'TL

MATERIAL

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

(3) | | | | |

17 ST [illegible] | NONE | NONE | | |

SPEC. | HEAT TREAT | FINISH | | |

10-14-38 | SPEC | DRAFT | CHECK | ENGR. | ENGR.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

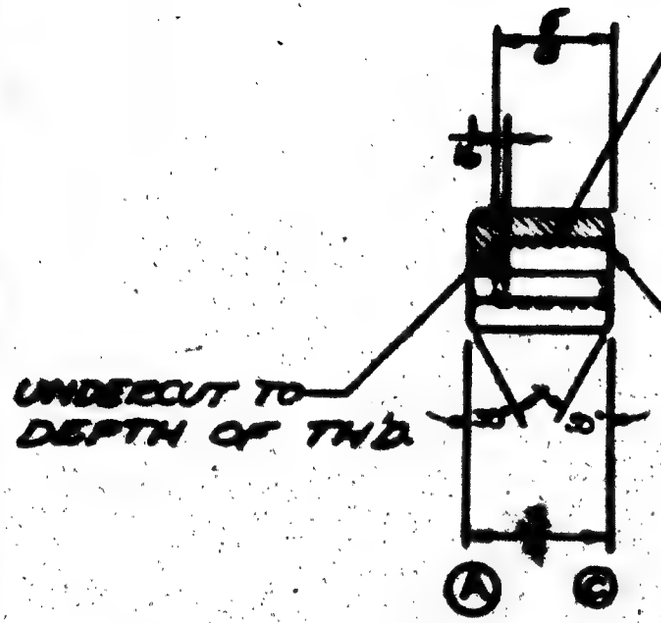
STAMP PT. No. WHERE SHOWN

NAME

SUPPORT-FURNISH.-SURFACE CONTROL LOCKS-LOWER

OPP. HAND

DWG. A 28F1572



LET	ALTERATION
A	[illegible]
B	[illegible]
	[illegible]
	[illegible]
C	[illegible]

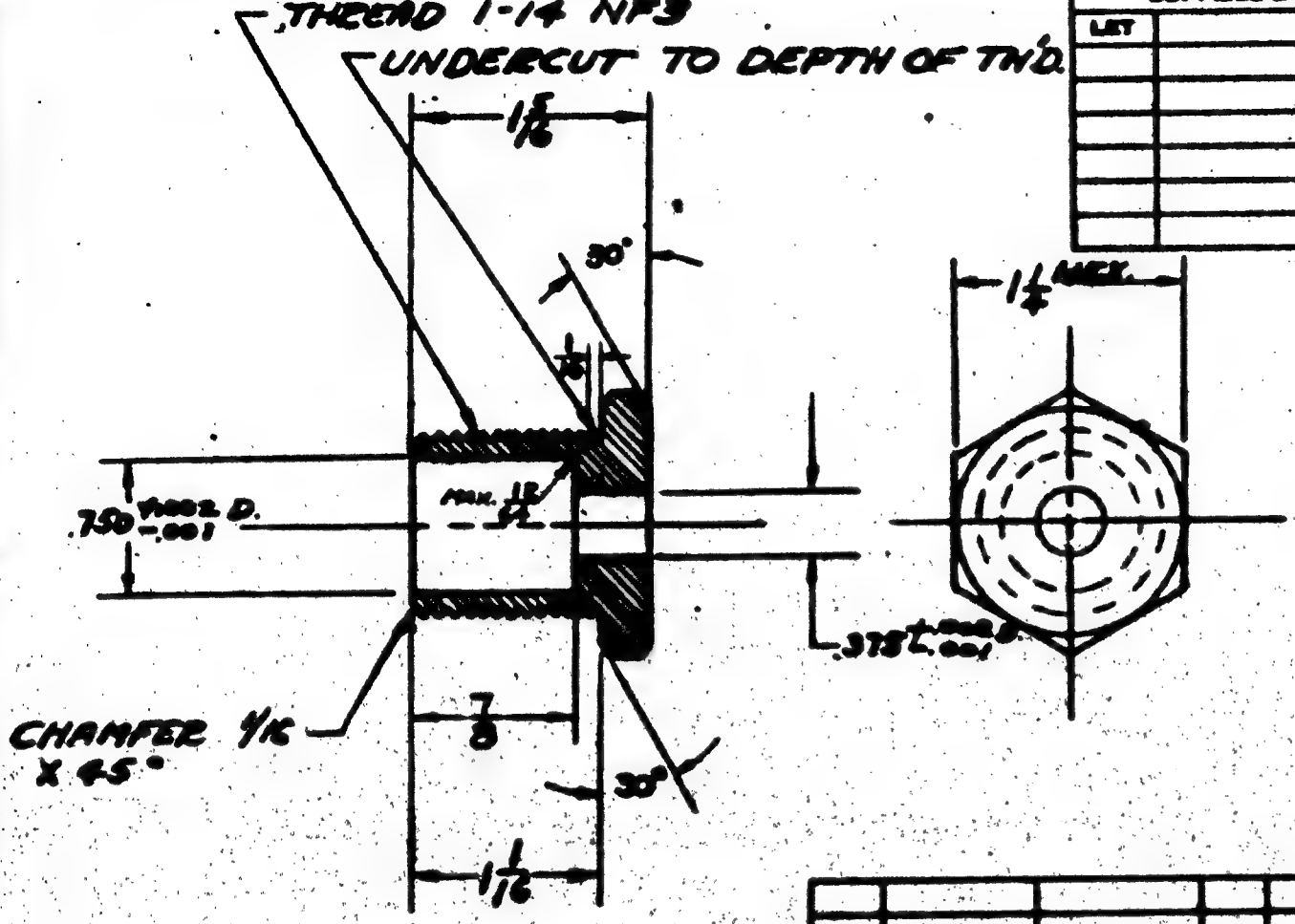
E.O. A1694

FINISH CODE	
Z	[illegible]
P	[illegible]
AP	[illegible]
C	[illegible]

[illegible]

BUMPER - NOSE WHEEL
SEQ. VALVE - HYD SYS

A 28F6504



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

FINISH CODE	
Z	[illegible]
F	[illegible]
AF	[illegible]
C	[illegible] FILM

	[illegible]	[illegible]	1								
	[illegible]	[illegible]	2								
	CH.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

SCALE FULL

AC

NAVY AL ALLOY BAR

MATERIAL

DES. ENGR. APPROVAL	DATE
CHK. ST.	ACT. ST.

REQUIREMENTS PER AIRPLANE | MAT. 6

4130 COND. T	NONE	Z
SPEC.	HEAT TREAT	FINISH

PARTS LIST PER ASSY.

Qty. per Assy.	Source	Group	Ltr.
	1-14-43		

DRAFT	CHECK	ENGR.	ENGR.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

GROUP PT. NO. WHERE SHOWN

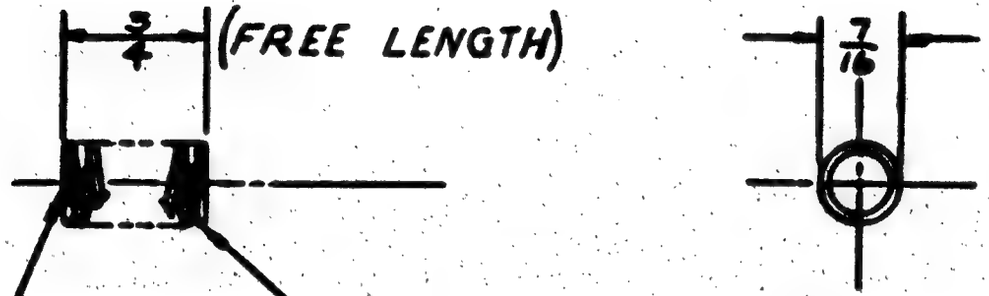
NAME PLUG - NOSE WHEEL STEERING SEQ. VALVE - HYD. SYS.

OPP. HAND

SIZE A

DWG. 28F6507

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	REMOVED CAD PLATING	6-27-41	[illegible]
B	CH'G'D No. OF COILS OF SPRING 5 TO 6	8-18-41	[illegible]



	PBY-5A	28F6619	1							
	28-5AMC	28F6501	2							
	OA-10	28F6501	2							
	PBY-5A	28F6501	2							
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	

REPLACES

REPLACED BY

LIMIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

H.P.Z. APPROVED 6-27-40 DATE

.005 CALC. WT. ACT. WT.

SCALE FULL

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC				E.H.W.	R.H.E.
NAVY	22W11	NONE	NONE		
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME SPRING - NOSE WHEEL SEQ. VALVE - HYD. SYS.

OPP. HAND

DWG. A

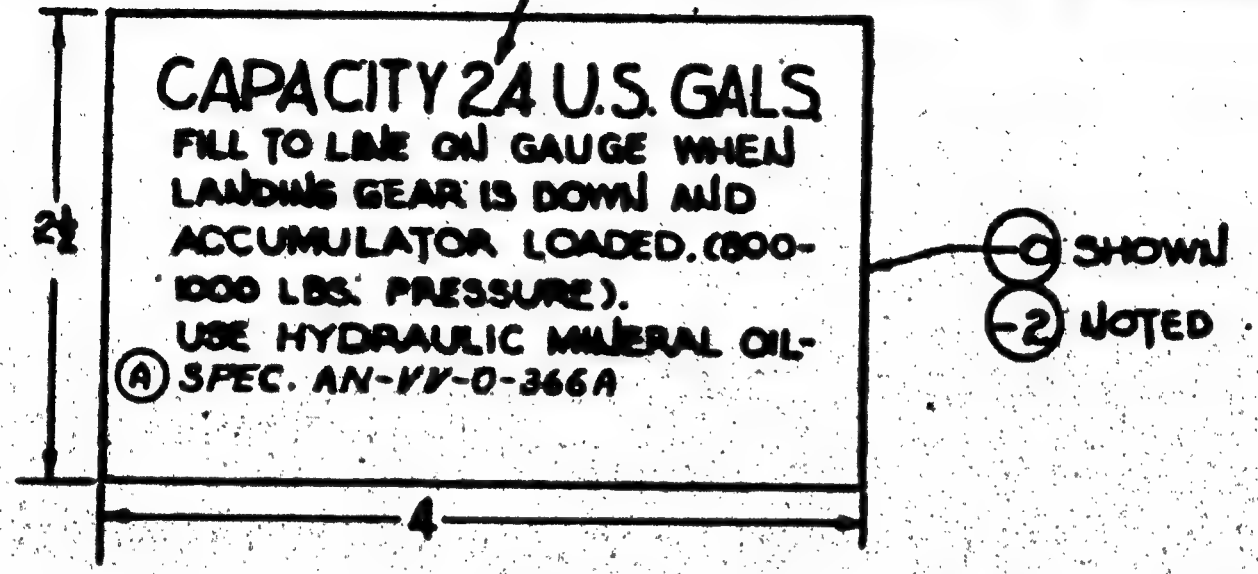
28F6508

NOTES

LETTERS & FIGURES – ETCHED & PAINTED BLACK.
SURFACE – POLISHED.
STAMP PART NUMBER ON THE BACK.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION		
A	"SPEC. AN-VV-O-366A" WAS "A.C. SPEC. 2280 OR "06-1-2, NAVY SPEC. M339." M.C.R. 218	4-9-[illegible]	[illegible]

-01-2 PLATE CHANGE TO "2 IMP GALS."



	-2	[illegible]	1							
	-01	[illegible]	1							

REPLACED
REPLACED BY
USED ON

DATE [illegible]
CALC. WT. [illegible] ACT. WT.
SCALE 12" = 1'-0"

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH. RH. REQ.	PART NO.	LH. RH. REQ.
REQUIREMENTS PER AIRPLANE			MAT.		PARTS LIST PER ASSY.		
					Central Service		JWL
4142 H.H.	Alodic	Alodine			2-Motor	1 of 2	Chrome
SPEC.	HEAT TREAT	FINISH			DRAFT	[illegible]	ENGR.	ENG.

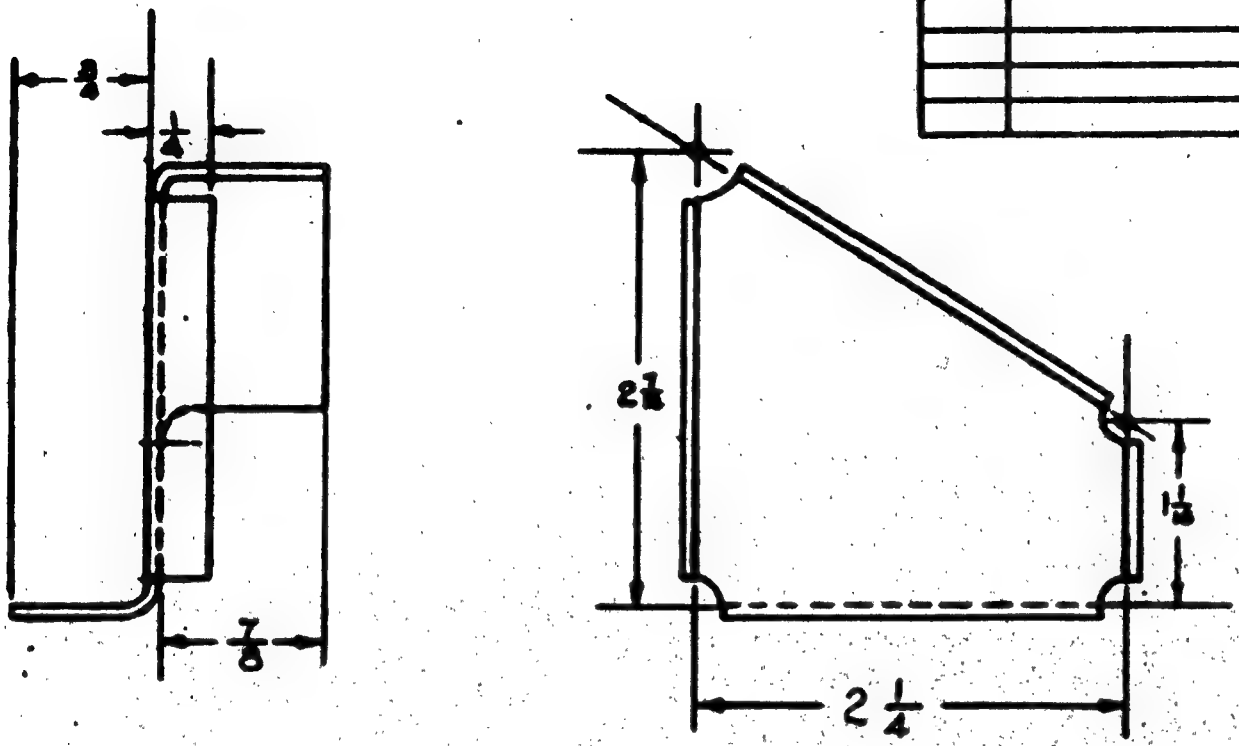
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP P. N. WHERE SHOWN

NAME
NAMEPLATE
HYDRAULIC RESERVOIR

OPP. HAND

DWG. A 28F6513

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



FINISH CODE	
Z	ANODIC TREATMENT
P	P-47 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ALL BEND & RELIEF RADII 1/8

LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
		DAV-1 28F6513	1	
		28-5ANC 4	1	
		P&W-SA 28F6518	1	

REPLACES		APPROVED 9/30/40 DATE							
REPLACED BY									
LIMIT ON ENGINEERING VALUES OTHERWISE SPECIFIED ± 1/32	CALC. WT., OZ	ACT. WT.	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS		
SCALE 12"=1'-0"	REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.			
AC							CHECKED	APPROVED	DRAWN
NAVY .064 ALCLAD	STAND-Code-T	None			ZP		9-18-40	9-23-40	
MATERIAL	SPEC.	HEAT TREAT			FINISH		DRAFT	ENGR.	ENGR.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

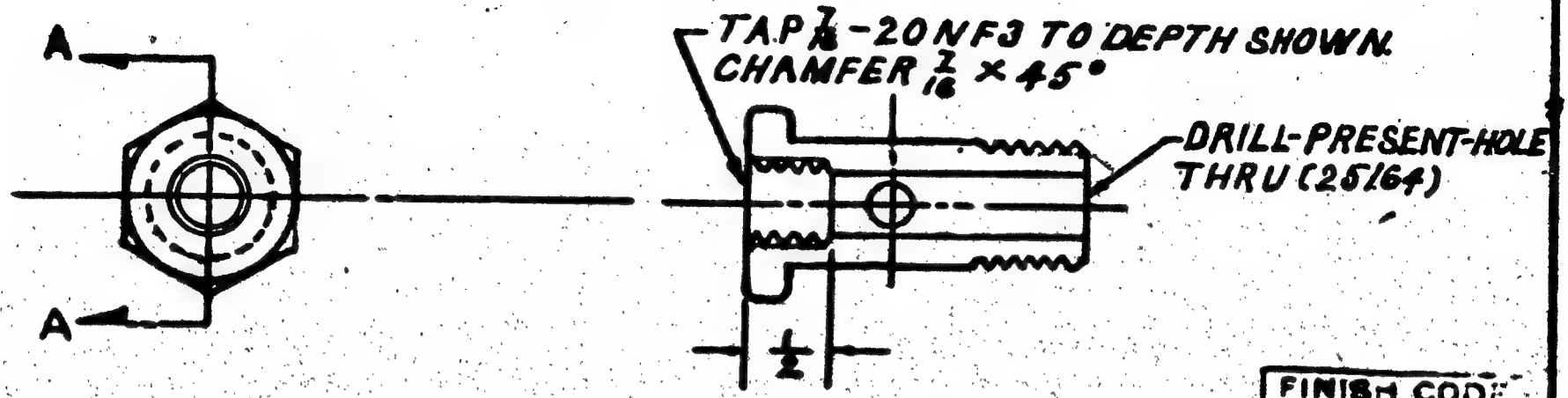
STAMP PT. No. WHERE SHOWN

NAME BRACKET- HYDRAULIC PLATFORM- HYD. SYSTEM

OPP. HAND

DWG. NO. A 28F6515

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



SEC. AA

FINISH CODE	
Z	[illegible] TREATMENT
P	PER PRIMER
AP	ALUMINIZED PRIMER
C	[illegible] PAINT

MAKE FROM AC40B374-8N8

	28-JAN-[illegible]	28F6510	1								
	JAN-1-[illegible]	28F6519	1								
	FEB-[illegible]	28F6519	1	40B374-8N8							
O.H.	MODEL	HEAT ASSY.	REQ.	ST'D PARTS				LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.				PARTS LIST PER ASSY.				
NOTED	NONE		C									
SPEC.	HEAT TREAT		FINISH					DRAFT		ENGR.	ENGR.	

REPLACES

REPLACED BY

MUST BE [illegible] ± [illegible]

[redacted]

2-28-[illegible] DATE

SCALE FT. SCALE FT.

SCALE 12"=1'-0"

NO

QUANTITY None REQD.

MATERIAL

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

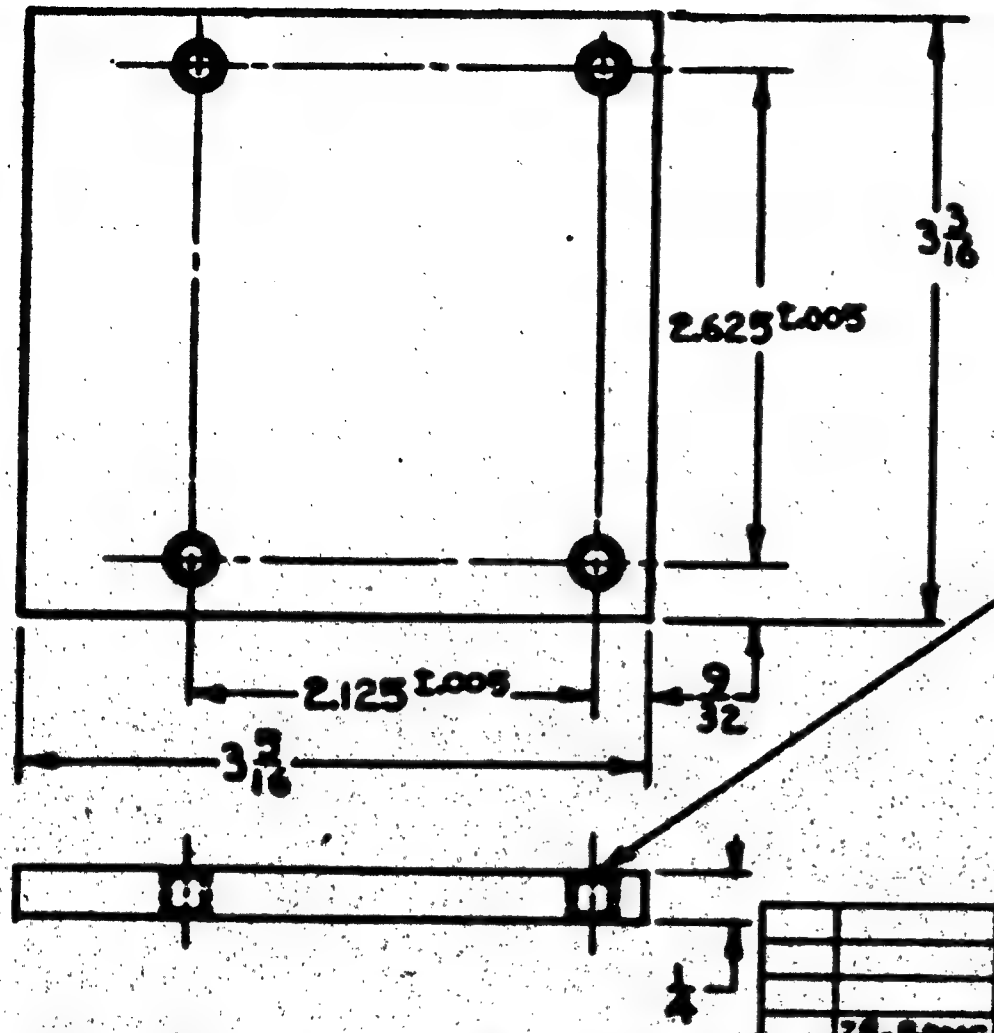
NAME FITTING-SPECIAL-STRAIGHT THREAD 7/16 TO 1/2-HYD. 8Y8.

OPP. HAND

SIZE A

28F6522

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



FINISH CODE	
Z	[illegible]
P	[illegible] PRIMER
AP	[illegible]
C	[illegible]

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	28-Spec [illegible]		1						
	PART 1 [illegible]		1						
	PRC-3A [illegible]		1						

REPLACED
REPLACED BY
LIMIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED [illegible] DATE
ORIG. DR. 3-5 ACT. DR.
SCALE 12" = 1'-0"
AC
MATERIAL: ALLOY SAE 4130 SHEET
SPEC. 4130 "T"
HEAT TREAT NONE
FINISH ZP
REQUIREMENTS PER AIRPLANE
MAT. [illegible]
PARTS LIST PER ASSY.
REVISED [illegible] DRAFT [illegible] CHK. JWL
[illegible] DRAFT [illegible] CHK. -

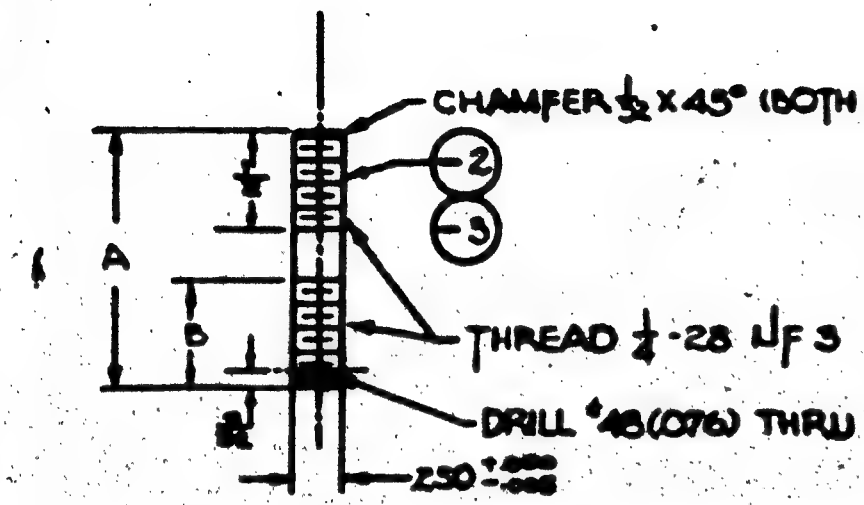
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
DRAWN PT. No. WHERE SHOWN

NAME
MOUNTING PLATE - HAND PUMP - HYDRAULIC SYSTEM

OPP. NAME

SIZE A
28F6523

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	[illegible]	[illegible]	[illegible]
	[illegible]		
B	[illegible]		
	[illegible]		
	[illegible]	[illegible]	[illegible]



PART	DIM. "A"	DIM. "B"
-2	1 3/32	1/8
-3	1 11/32	3/32

NOTE-
MAT'L. FOR -2 & -3 MAY BE-
(A) 1/4 DIA., STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP FM, COND. B, OR
(B) 1/4 DIA, STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. A.

-5	2A-6AMC	[illegible]	1							
-4	2B-6AMC		1							
-3	PBY-5A		1							
-2	2B-3AMC		3							
-1	2B-6AMC		3							
-5	PBY-5A	[illegible]	3							
QUI.	MODEL	HEAT ADDV.	REQ.	STD PARTS	USE REQ.	USE REQ.	PART NO.	USE REQ.	USE REQ.	
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ADDV.					
NOTED	NOTED									
MATERIAL	SPEC.	HEAT TREAT		FINISH	DRAFT			CHKD.	ENGR.	

REPLACES
REPLACED BY
LIMIT OR SPECIFIED VALUES ± [illegible]
.02 ANGLES ACT. DIM.
SCALE 16"-1-0"
NOTED

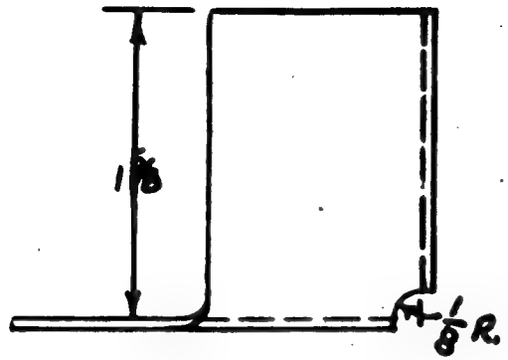
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

NAME STUD-HAND PUMP-HYDRAULIC SYSTEM.

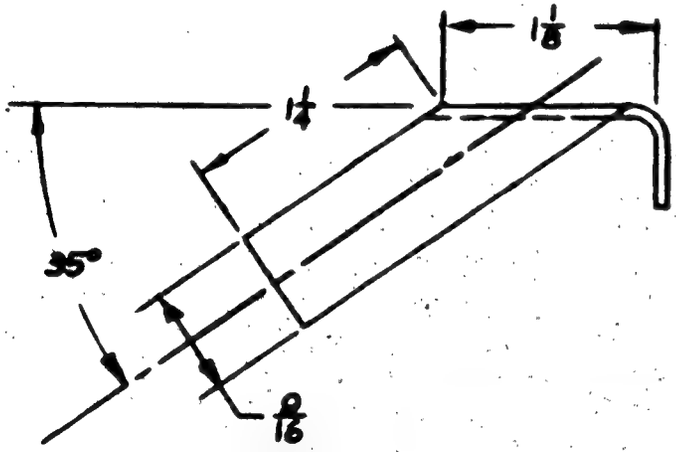
GRP. NUMB. A 28F6524

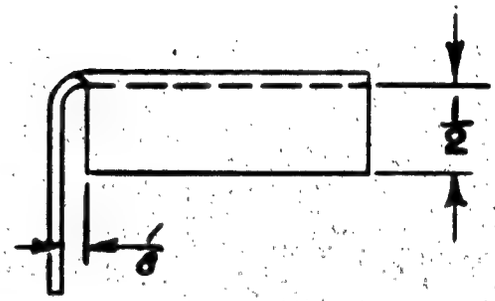
28F6524

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



NOTE:
ALL BEND RADII 1/8
MAT. 051





SHIP # 618 ON
SHIP #125 & ON
& ALL FUTURE
& SPARES

	PBY-5B	28F6527	1								
	28-5MN	28F6527	1								
	28-5MC	28F6527	1								
	28-5MA	28F6527	1								
	28-5ME	28F6527	1								
	PBY-5	28F6527	1								

REPLACES

REPLACED BY

APPROVED DATE

LIMIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32, 1/2°

CALC. WT. .016 ACT. WT.

SCALE 12" = 1'0"

AC

NAVY ALC. 24ST

MATERIAL

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REQUIREMENTS PER AIRPLANE

MAT. 24ST. RMN FIN

PARTS LIST FOR ASSY.

47A8 T	NONE	NONE
SPEC.	HEAT TREAT	FINISH

DRAFT	CHECK	EXAM.	ENG.
J.V. Hess 1-20-41	[illegible] 1/23/41	[illegible]	[illegible]

NAME BRACKET - FURN TOOL LOCKER

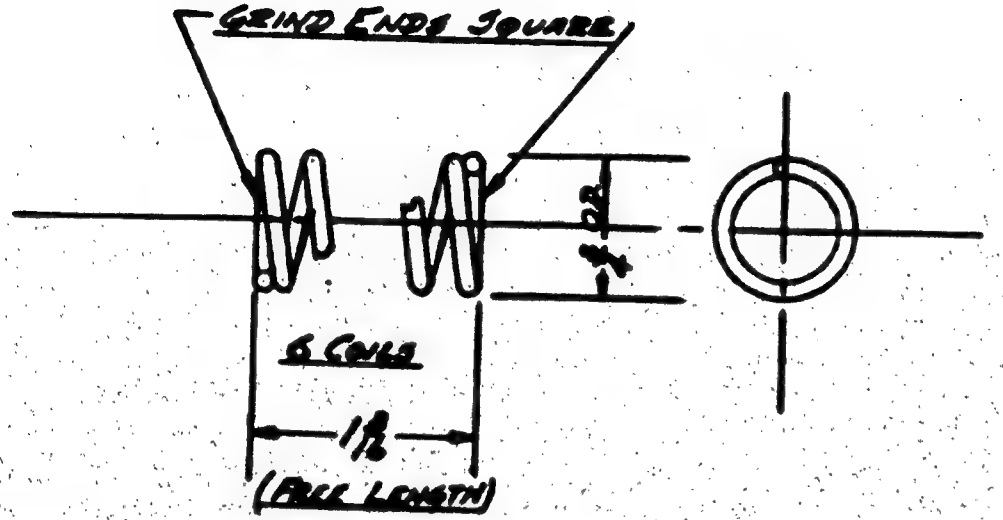
OPP. HAND NONE

SIZE A

DWG. 28F6528

R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



6 COILS (4 ACTIVE) .091 SPRING
STEEL WIRE, SPEC. 32W11

	OA-10	28F6509	2								
	28-3AMC	28F6599	2								
	PAY-3A	28F6609	2								
CLH.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		

REQUIREMENTS PER AIRPLANE | MAT. SPAN | PARTS LIST FOR ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS MARKED ± 1/32

APPROVED DATE

CHK. BY | ACT. WT.

SCALE 12"=1'-0"

AC

NAVY NOTED

MATERIAL

NOTES

SPEC. | HEAT TREAT | FINISH

SPRING TEMPER | CAD. PLATE & BAKE

DRAWN	TRACED	STRESS	STOCK
11-24-41			
DRAFT	CHECK	ENGR.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

PRINT PT. NO. WHERE SHOWN

NAME

SPRING - TEST STAND VALVE - HYDRAULIC SYSTEM

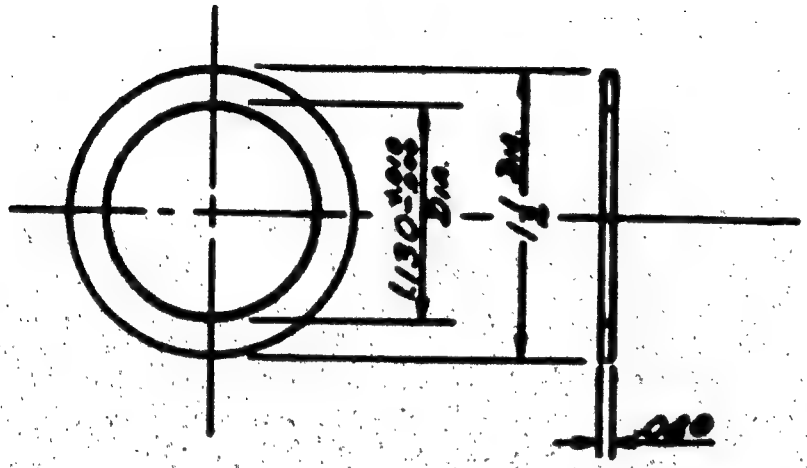
OFF. NAND

SIZE A

28F6534

R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



	QA-10	GASKET	2								
	28-5A08	28F6501	2								
	PAT-5A	28F6537	2								
	O.H.	MODEL	NEXT ASSY.	REQ.	QT'S PARTS	LIE REQ.	SEL.	PART NO.	LIE REQ.	SEL.	

REPLACES

REPLACED BY

LIMIT FOR DIMENSIONS UNLESS ± 1/64

APPROVED DATE

308 GRAM WT. ACT. WT.

SCALE 12"=1'-0"

REQUIREMENTS PER AIRPLANE | MAT. Req'd | PARTS LIST PER ASSY.

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	ENGR.	SUP.
NAVY COPPER AMD		NONE	NONE	11-30-40	12-15-40		

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DRAWN PT. No. 28F6535 REVISED

NAME

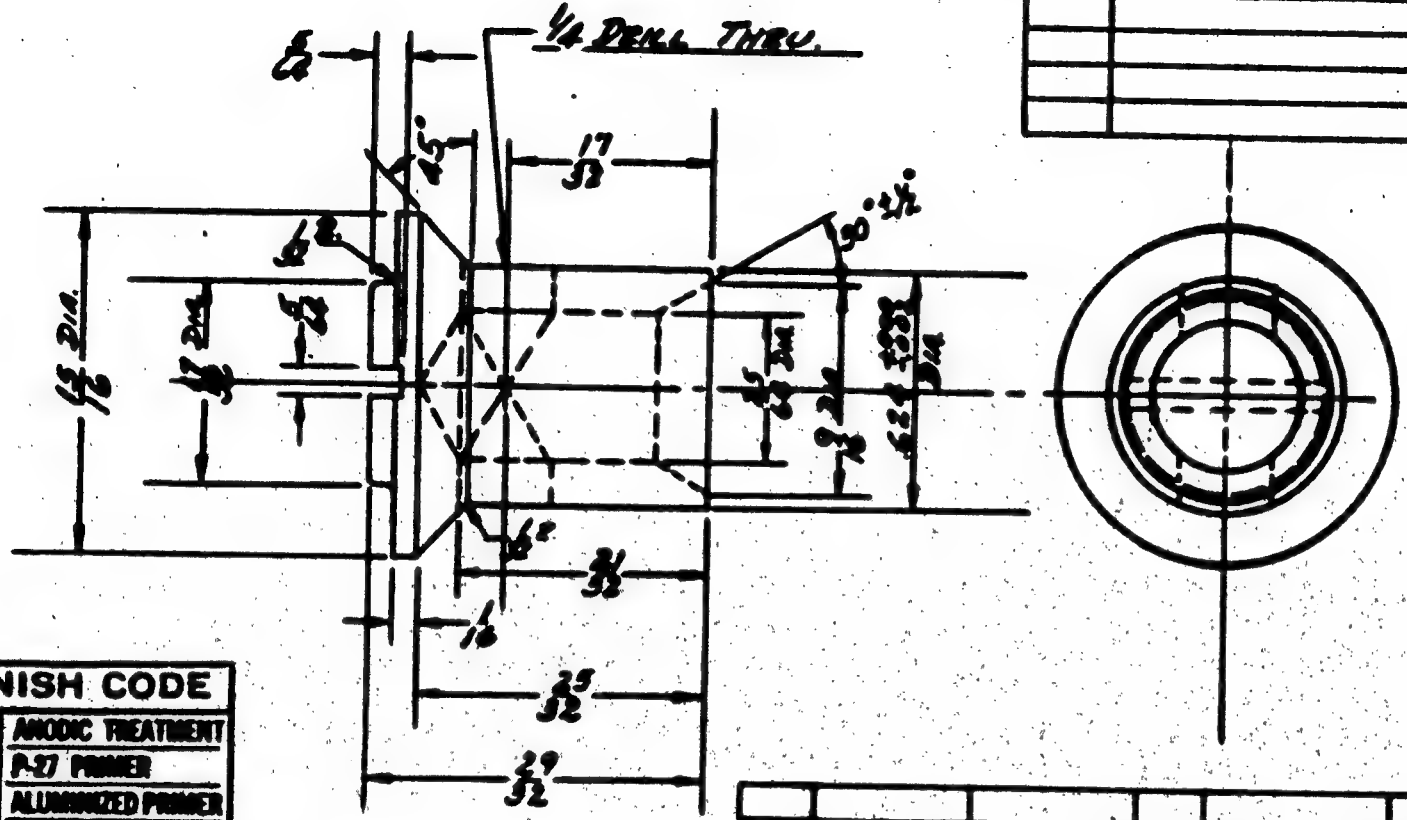
GASKET - TEST STAND VALVE - HYDRAULIC SYSTEM

CPP. NAME

SIZE A

28F6535

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

	QA-10	28F6539	2								
	28-STAMP	28F6539	2								
	PAY-SA	28F6539	2								
	O.M.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED DATE

CALC. WT. .08 ACT. WT.

SCALE 24"=1'-0"

REQUIREMENTS PER AIRPLANE

MAT. BRASS ROD

PARTS LIST PER ASSY.

AC							
NAVY BRASS ROD	47B2½H	NONE	C	ZOUCHE	S. MAY		
MATERIAL	SPEC.	HEAT TREAT	FINISH	N. PAGE	11-30-44		
				DRAFT	CHECK	ENGR.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME PISTON - TEST STAND

VALVE - HYDRAULIC SYSTEM

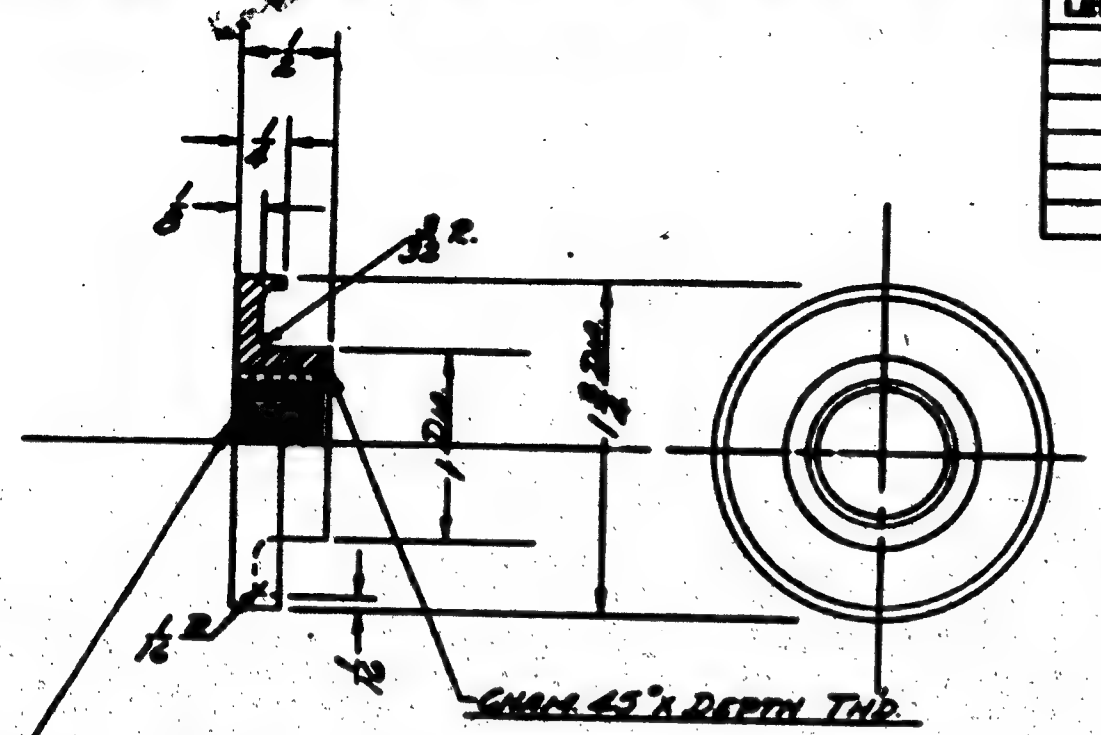
OPP. HAND

DWG. A

SIZE

28F6536

LET	ALTERATIONS	DATE	BY



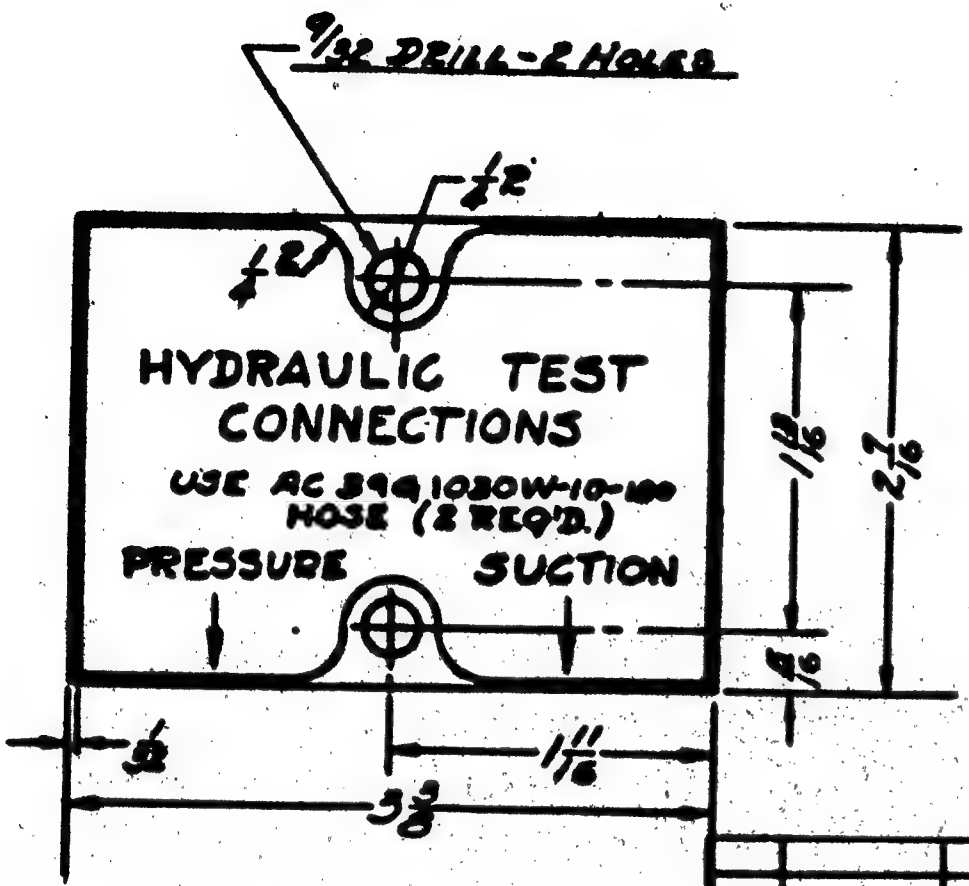
	OA-10	28F6604	1							
	OA-SAMC	28F6514	1							
	PBY-5A	28F6514	1							
O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	

REQUIREMENTS PER AIRPLANE

MAT. Spec

PARTS LIST PER ASSY.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



BACKGROUND ETCHED & FILLED WITH BLACK LACQUER, LETTER & BORDER RAISED & POLISHED.

STAMP PART NO. ON BACK OF PLATE.

	28-5A4[illegible]-1										
	28A-5A	[illegible]									

	28-5A4[illegible]-1										
	28A-5A	[illegible]									

	28-5A4[illegible]-1										
	28A-5A	[illegible]									

REPLACED

REPLACED BY

LIMIT OR ENGINEERING TOLERANCE UNLESS OTHERWISE SPECIFIED ± 1/16

APPROVED DATE

CHK. BY. GL ACT. BY.

SCALE 12" = 1'-0"

AC

NAVY. 24S AL. SH.

MATERIAL

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

G.M.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	L.H. REQ.	R.H. REQ.	PART NO.	L.H. REQ.	R.H. REQ.

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

SPEC. [illegible]	None	NOTED	
SPEC.	HEAT TREAT	FINISH	

CHECKED	MANUAL		
12-[illegible]	41-4		
DRAFT	CHECK	ENGR.	ENG.

NAME

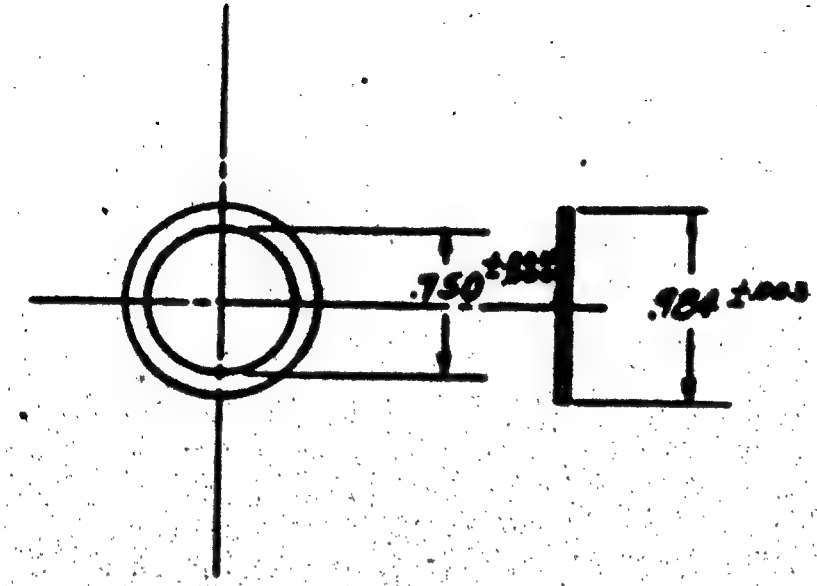
NAME PLATE - TEST STAND VALVE - HYDRAULIC SYSTEM

OPP. NAME

SIZE A

28F6547

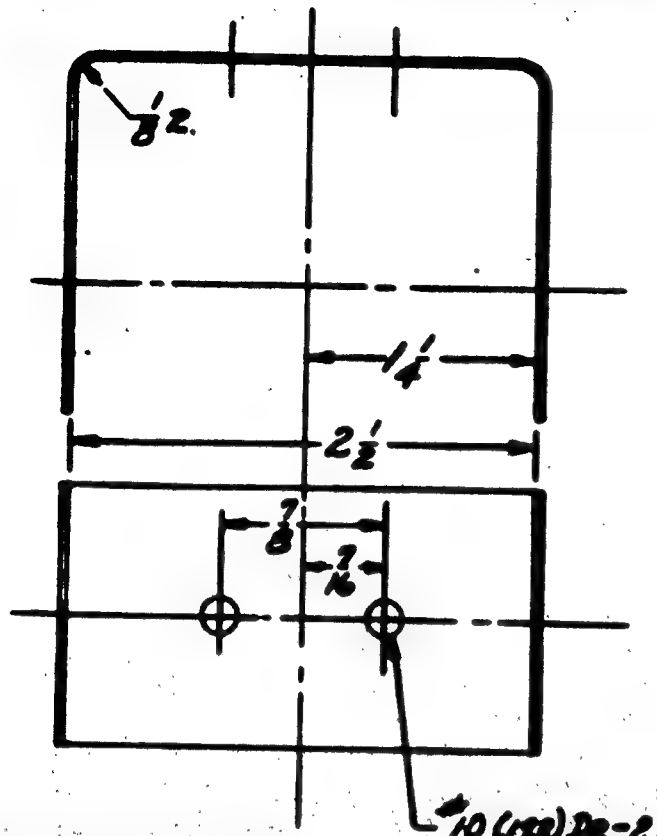
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION		
A	REVISED FROM DRW. 044 CORP.		
	STEEL SHEET, SPEC. 4T-S-10 (M.P.;		
	OR 1 REPLACED BY THOTED. ADDED		
	MATERIAL NOTE. NO INT. CHG.	12-6-42	

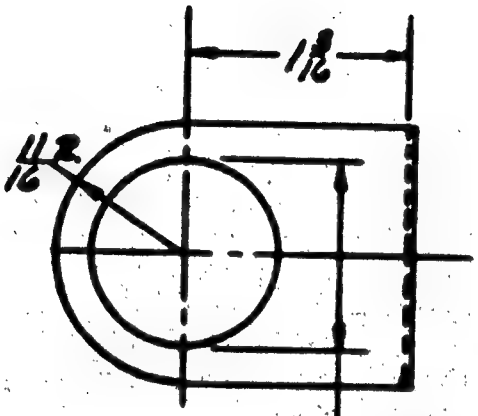


NOTE.
MATERIAL MAY BE:
(1). 044 STAINLESS STEEL SHEET, SPEC. AN-QQ-S-757, COND.A, OR
(2). 044 STAINLESS STEEL SHEET, SPEC. AN-QQ-S-772, COMP.B, COND.A.

	28-6[illegible]28F6545		4						
	OA-10	28F6547	2						
	28-AN6[illegible]28F6543		4						
	PAY-6A	28F6548	4						

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	IN B/M: .031 CORR. RES. STEEL" & "4T-S-19 GRI-55" "REPLACED BY "NOTED." ADDED MATERIAL NOTE. (NO WT. CHG)	10-5-43	[illegible]





NOTE:
1.- MATERIAL MAY BE:
(A). .031 STAINLESS STEEL SHEET, SPEC. AN-QQ-S-757, COND. A, OR
(B). .031 STAINLESS STEEL SHEET, SPEC. AN-QQ-S-772, COMP. G, COND. A.

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	28-SAMH	28F6545	2						
	DA-10	28F6545	1						
	28-SAMC	28F6545	2						
	PBY-5A	28F6545	2						

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED DATE

CALC. WT. .012 ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY "NOTED"

MATERIAL

REQUIREMENTS PER AIRPLANE

NOTED

SPEC.

NONE

HEAT TREAT

MAT.

FINISH

PARTS LIST PER ASSY.

DRAFT [illegible]

CHECK [illegible]

ENGR. [illegible]

ENG. [illegible]

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME

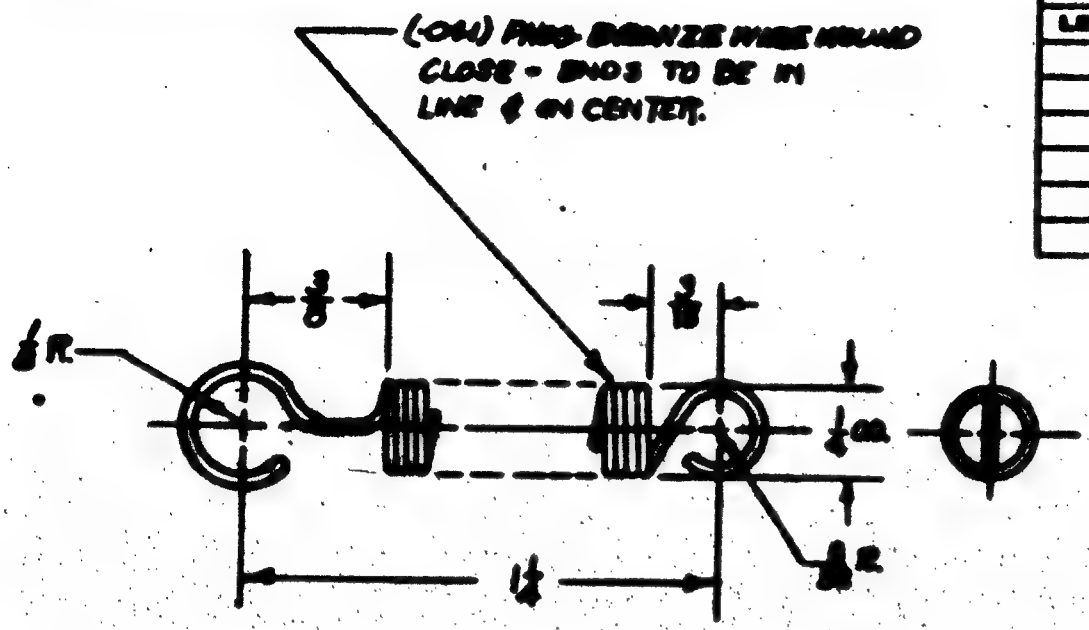
SUPPORT - FLEXIBLE BRAKE HOSE - HYDRAULIC SYSTEM

OPP. HAND

SIZE A

28F6550

R 0859187



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

PURCHASE TO DWG.

	28-5AMC	28F6477	\							
	OA-10	28F6477	\							
	PBY-5A	28F6477	\							
QUAN.	NOMEN.	NEXT ASSY.	REQ.	STD PARTS	REQ.	PART NO.	REQ.			

REPLACES

REPLACED BY

APPROVED DATE

DWG. ST. ACT. ST.

SCALE 3/4" = 1'0"

REQUIREMENTS PER AIRPLANE | MAT. SPEC. | PARTS LIST PER ASSY.

ENG.							
SQUARE	NONE	NONE					
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	ENGR.	APP.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

NAME

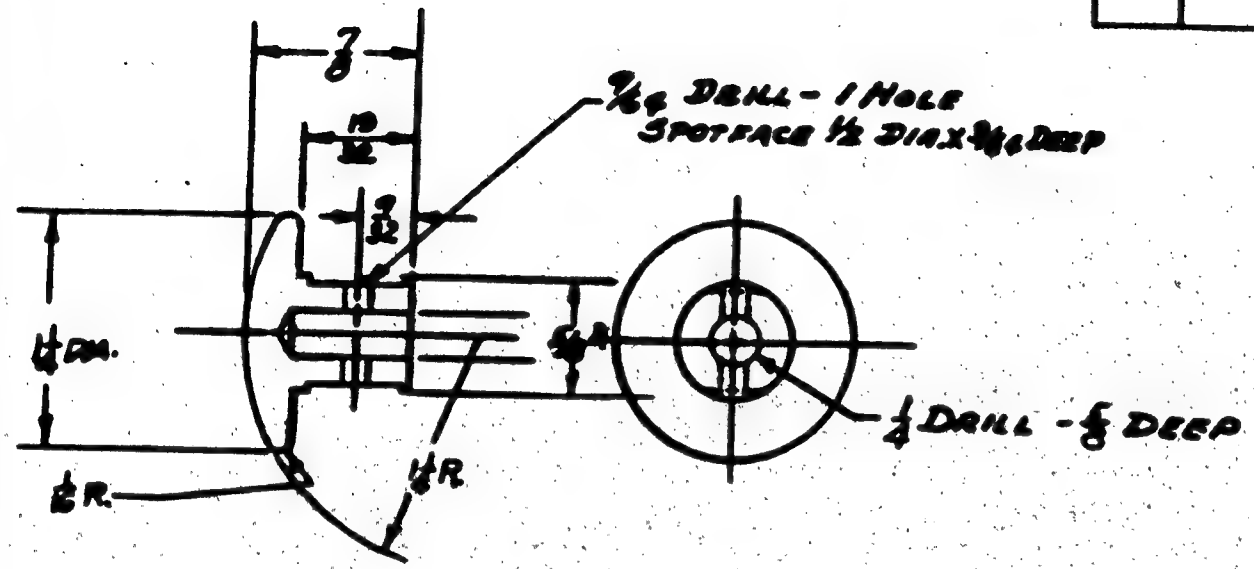
SPRING - CONTROL LOCK - HYD. SYSTEM.

OPP. HAND

SIZE A

28F6564

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



D.B.L. - DULL BLACK LACQUER

FINISH CODE	
Z	[illegible]
P	P-3 [illegible]
AP	[illegible]
C	CHROME PLATE

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	28-SAAC	28F6577							
	OA-10	28F6577							
	PBY-5A	28F6577							

REPLACES

REPLACED BY

LIMIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010

APPROVED DATE

CALC. WT. .03 ACT. WT.

SCALE 1/2" = 1'-0"

AC

NAVY [illegible]

MATERIAL

REQUIREMENTS PER AIRPLANE | MAT. SPEC. | PARTS LIST PER ASSY.

SPEC.	HEAT TREAT	FINISH
ALA 8 COMP'T.	NINE	ZP & DBL

DRAFT	CHECK	EXAM.	ENG.
2/23/41	[illegible]		[illegible]

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. NO. WHERE SHOWN

NAME KNOB - SAFETY LOCK - L.G. SELECTOR VALVE - HYD. SYSTEM

OPP. HAND

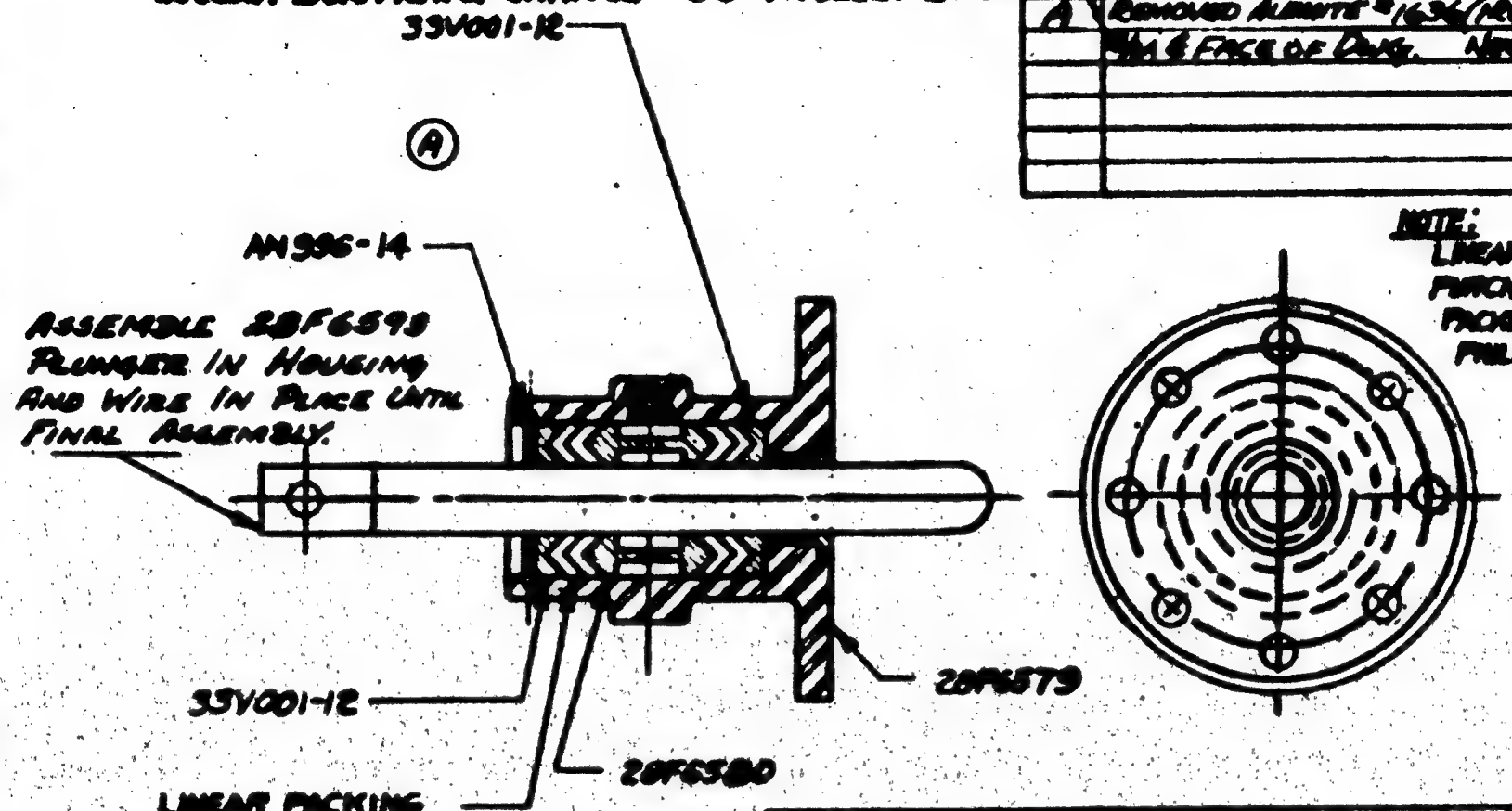
DWG. SIZE A

28F6577

R

INCORP BUR AERO CHANGE #33 - MODEL PBY-6A

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	REMOVED ALBRITE #1636 (NOTE) FROM 3/16 & FACE OF DWG. NOTE WT. CHG	3-27-42	Hunt



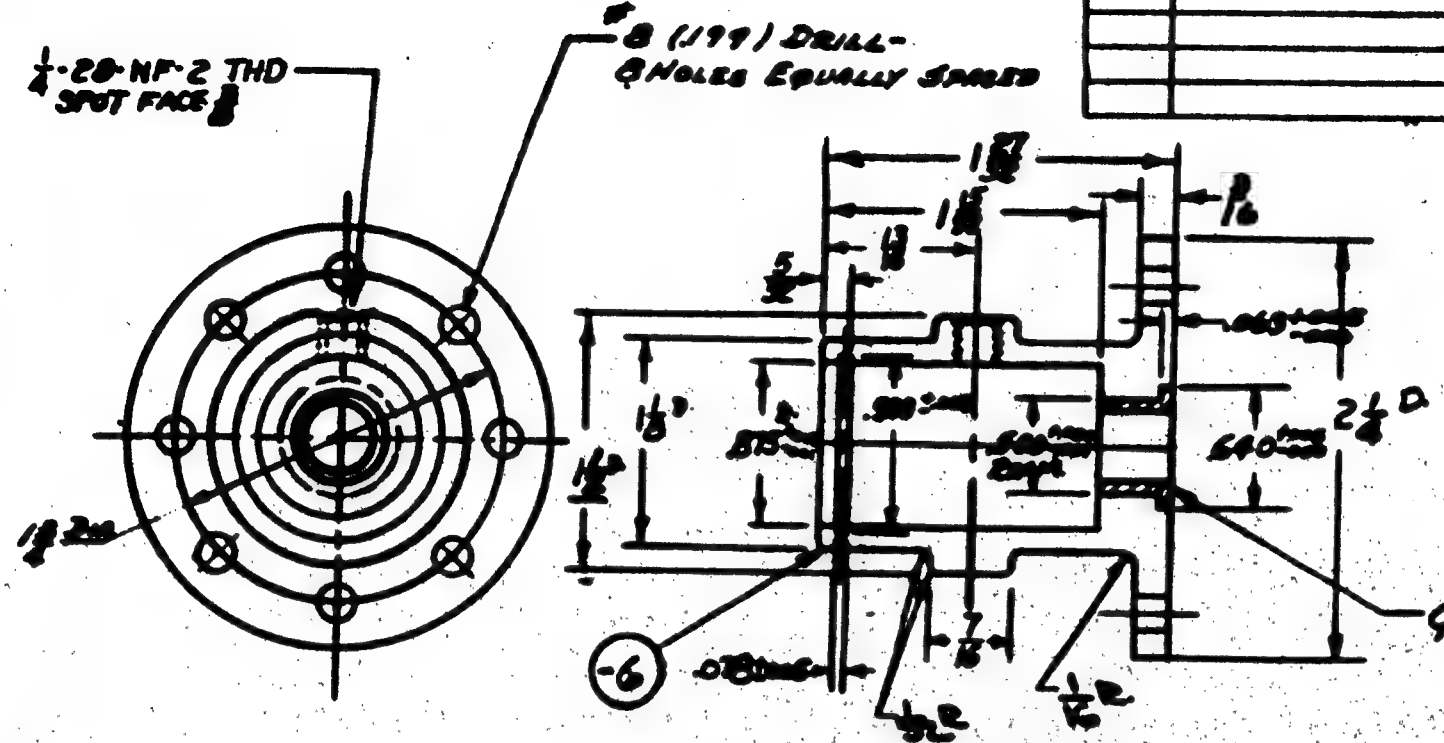
NOTE:
LINEAR PACKING MAY BE PURCHASED FROM LINEAR PACKING & RUBBER CO. INC. PHILADELPHIA, PENN.

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	REQ.	PART NO.	REQ.
	24-SAN		2		4		
	21-MISC.		2				
	AA-10		2		1		
	PBY-5A		2				

REQUIREMENTS PER AIRPLANE

PARTS LIST PER ASSY.			

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



FINISH CODE	
Z	ANODIC TREATMENT
P	P-07 PRIMER
AP	ALODINED PRIMER
C	CHROMIUM PLATE

CP-GREEN PRIME

OPTIONAL MATERIAL: 17ST OR 14ST

	28-5AMC	28F6578	2								
	AA-10	28F6578	2								
	PST-3A	28F6578	2	Q 700-312-10	1		-6	1			
O.M.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES	APPROVED	DATE					
REPLACED BY	16 CALC. WT.	ACT. WT.					
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010	SCALE 12"=1'0"		AC	NAVY Al ALLOY	NONE	SPEC 6P	
			MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT / CHECK / EXAM. / ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. NO. WHERE SHOWN

NAME: BODY-NOSEWHEEL DOOR LOCK PIN BEARING-HYD. SYSTEM

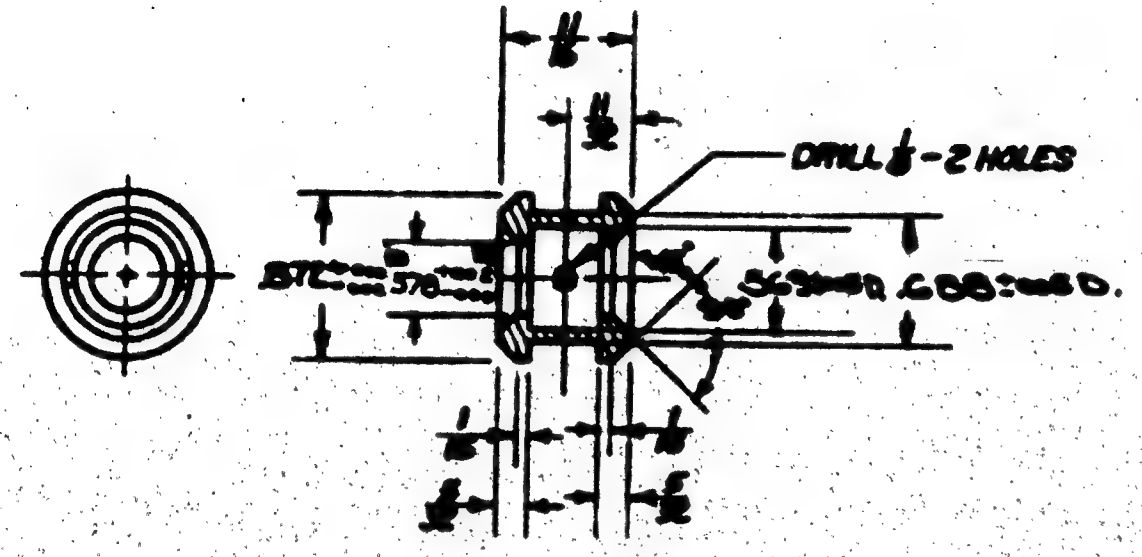
OPP. HAND

SIZE A

28F6579

R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



FINISH CODE	
Z	[illegible]
P	[illegible]
AP	[illegible] FINISH
C	CHROME PLATE

	2 B-5AMC	28F6580	B								
	09-10	28F6580	B								
	PRY-5A	28F6580	B								
QUAN.	MODEL	NEXT ASSY.	FIGURE	STD PARTS	LET. REQ.	ITEM	PART NO.	LET. REQ.	ITEM

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED DATE

SCALE 12" to 1"

REQUIREMENTS PER AIRPLANE

MAT. 2S

PARTS LIST PER ASSY.

AS

NAVY [illegible] 46B12 SHAPE C

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	ENGR.	ENGR.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. NO. UNDER THIS

NAME

PACKING, RETAINER-NOSE WHEEL DOOR LOCK PIN BEARING-HYD. SYSTEM

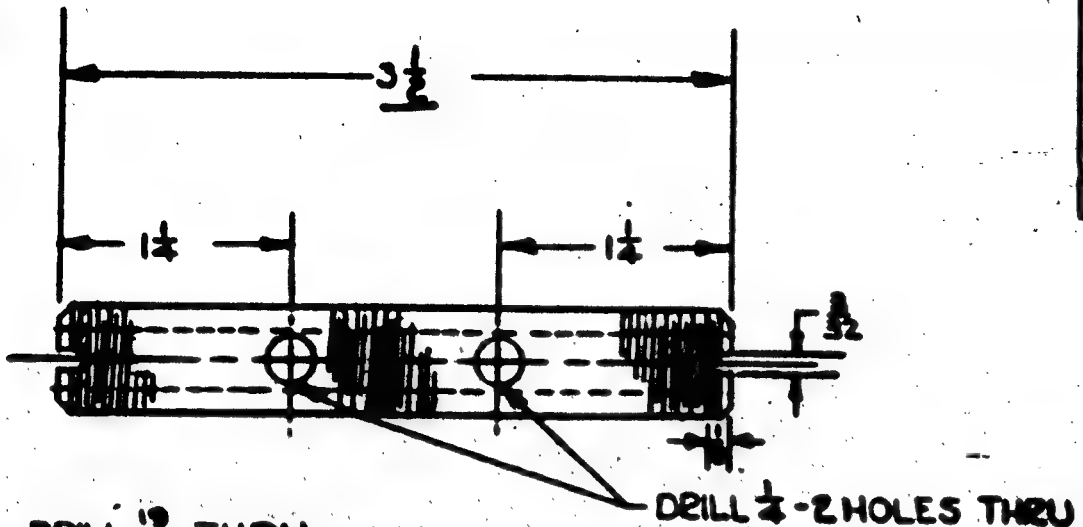
OPP. HAND

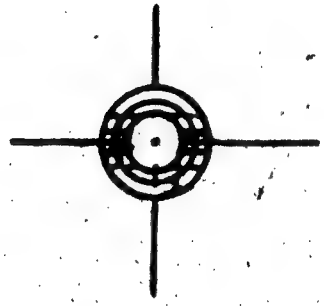
SIZE A

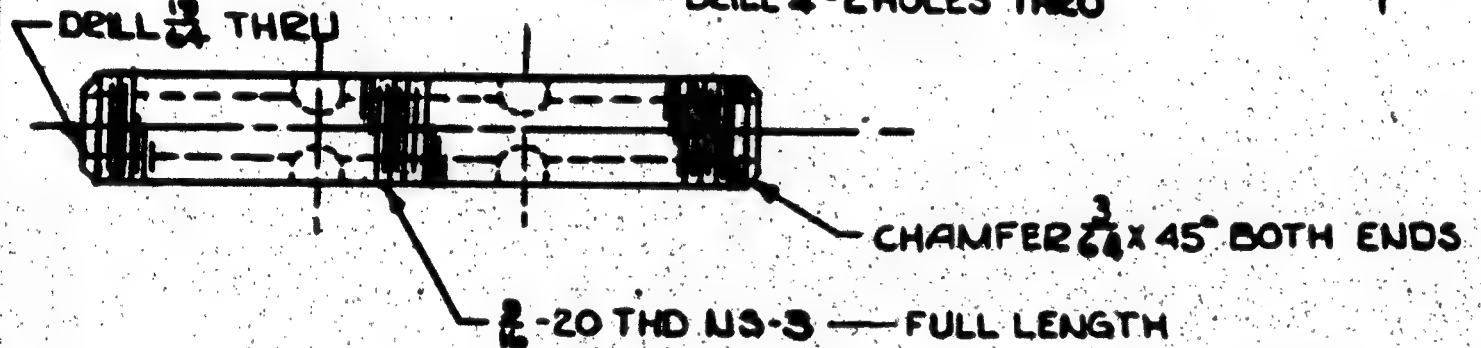
28F6580

REV. B

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY







	28-5AMH	28F6500	1						
	OA-10	28F6500	1						
	28-5AHC	28F6500	1						
	P&Y5A	28F6500	1						

		O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REPLACES	Klein 9-30-41 APPROVED DATE		REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.				
REPLACED BY		AC									
UNLESS OTHERWISE SPECIFIED ± .010	CALC. WT. ACT. WT.	NAVY Cer. Moly. Eqo.	4523 or 71	90000-125,000		CAD PLATE	Markwell	Klemm	Kerber		
SCALE 12" = 1'0"		MATERIAL	SPEC.	HEAT TREAT		FINISH	DRAFT	CHECK	ENGR.	SUP.	

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

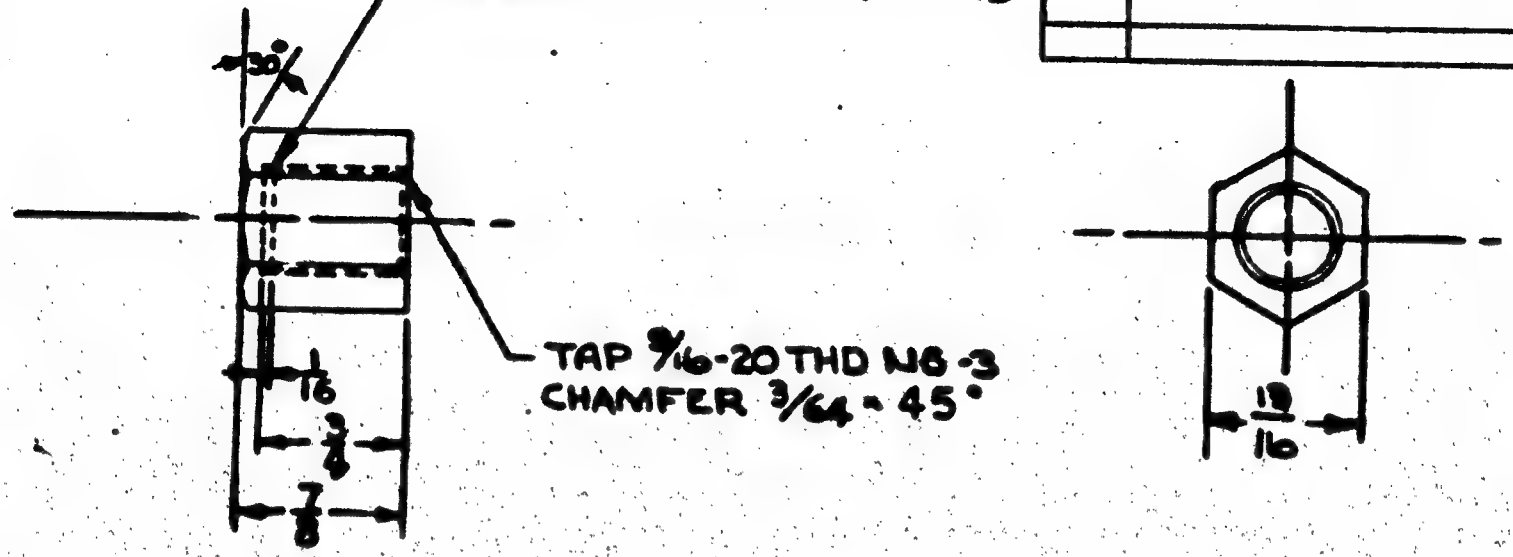
STAMP PT. No. WHERE SHOWN

NAME **SPECIAL BOLT-NOSE WHEEL DOOR CYL.-HYD. SYST.**

OPP. HAND

DWG. NO. A SIZE **28F6581**

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



	28-SAM6	28F6500	1							
	9A-10	28F6500	1							
	28-SAM6	28F6500	1							
	P&Y-5A	28F6500	1							

						LH REQ.	RH REQ.		LH REQ.	RH REQ.
	O.N.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS			PART NO.		

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

Klaw APPROVED 9-30-41 DATE

CALC. WT. ACT. WT.

SCALE 12" = 1'0"

AC

REQUIREMENTS PER AIRPLANE

MAT. V-C

PARTS LIST PER ASSY.

NAVY CHROMOLY HEX BOM 46S23G2A | 90000-125000 | CAD. PLATE

MATERIAL | SPEC. | HEAT TREAT | FINISH

Kleven

DRAFT | CHECK | EXAM. | ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME SPECIAL CAP-NOSE WHEEL DOOR CYL-HYD SYST

OPP. HAND

SIZE A | 28F6582

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY

– THD 9/16 - 20 - CLASS 3
PITCH DIA .5300 $^{+.000}_{-.003}$

– 1/5 –

REAMED 1/4 SQ HOLE

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED DATE

Rev-SA 27F6501

CALC WT ACT WT O H MODEL NEXT ASSY REQ ST'D PARTS

SCALE 24 = 1'-0"

REQUIREMENTS PER AIRPLANE MAT

AC 9/16 D A AL ALLOY BAR

NAVY

PART NO	LH REQ	RH REQ

PARTS LIST PER ASSY

F / A 16-16-40

DRAFT CHECK TRAN ENG

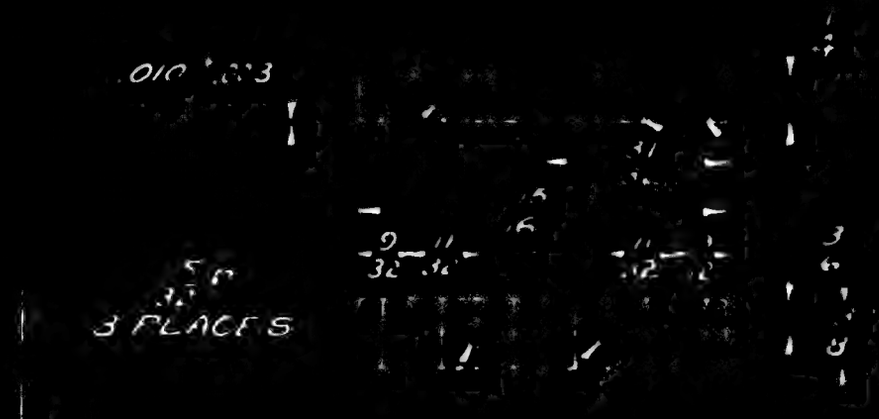
MATERIAL SPEC HEAT TREAT FINISH

CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF

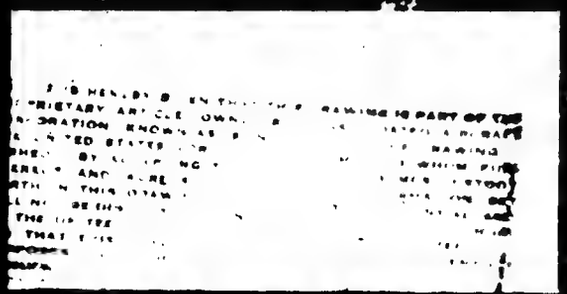
NAME PLUG

OPP HAND

DWG A 32F673

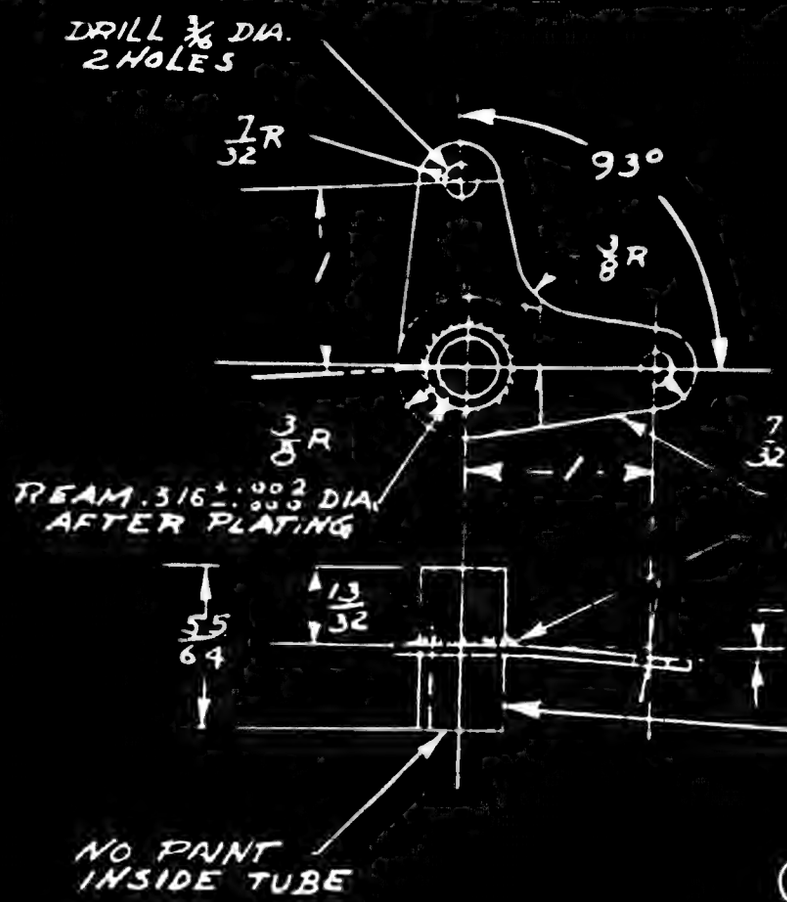


BREAK EDGES OF
HOLES 32 .45° BOTH SIDES



C. P. POWER PLANT
THREE PHASE POWER LINES

A 28G2039



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	IN B/M REPLACED HEAT TREAT "PH 58 2" WITH "NOTED" ON FACE, ADDED NOTE 2 "T.S. FOR -6 & -7 TO BE 90,000 TO 125,000 PSI AFTER WELDING" NC WELDING	10 43	HODIK

(-6) C.M. STEEL SHEET 47314. — 062 THICK.
WELD ONE SIDE ONLY

(-7) C.M. STEEL TUBE V16 O.D. x .065 ~ 4130

CODE
TREATMENT
PRIMER
GP - GREEN PRIME

NOTE:
1.- THIS PART MAY BE MADE FROM 28P2025.
(A) 2.- T.S. FOR -6 & -7 TO BE 90,000 TO 125,000 PSI AFTER WELDING.

C-88476
CONT 77713

O.H	MODEL	NEXT ASSY	REQ	STD PARTS	LH REQ	RH REQ	PART NO.	LH REQ	RH REQ
	PBY-5A	28P5152	2				28P5521-7	1	
	OA-10	28P5152	2				28P5521-6		1
	PBY-5A	28P5132	2						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED Klein 1' 25-41 DATE
CALC WT .05 ACT WT
SCALE 12"=1'-0"
AC
NAVY NOTED
MATERIAL
NOTED SPEC.
NOTED HEAT TREAT
C.P-20 NOTED FINISH
MAT ROBERSON

	DRAFT	CHECK	EXAM	ENG.
VOUGHT	1941			
		GERDER		

CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF
STAMP PT NO WHERE SHOWN

NAME
BELLCRANK ASS'Y. STARTER CONTROL

OPP HAND

DWG A SIZE 28P5521

28P5521

SUPPLIES & EQUIPMENT CLASSIFICATION

ALTERATIONS

DATE BY

A TRACED 1-20-37 Whorton

CAUTION

BREAK ANCHOR LOOSE FROM BOTTOM BY USING ENGINES — PULL OF ANCHOR MUST BE TAKEN BY THE PENDANT, NOT BY THE REEL.

CUT OUT AROUND EDGE AND PASTE INSIDE OF DOOR AS SHOWN ON 28R1058.

PBY-3 28R1058
PBY-2 28R1058
PBY-1 28R1058

REPLACES

REPLACED BY

UNLESS OTHERWISE SPECIFIED

XCW APPROVED 1-20-37 DATE

SCALE

NAVY BLUE PRINT PAPER

MATERIAL

CONSOLIDATED AIRCRAFT CORP BUFFALO N.Y.

NAME INSTRUCTION SHEET ANCHOR HOISTING & SIGNAGE

MODEL SET ASSY REQ STD PARTS REQUIREMENTS PER AIRPLANE MAT

LH REQ RH REQ PART NO

PARTS LIST PER ASSY

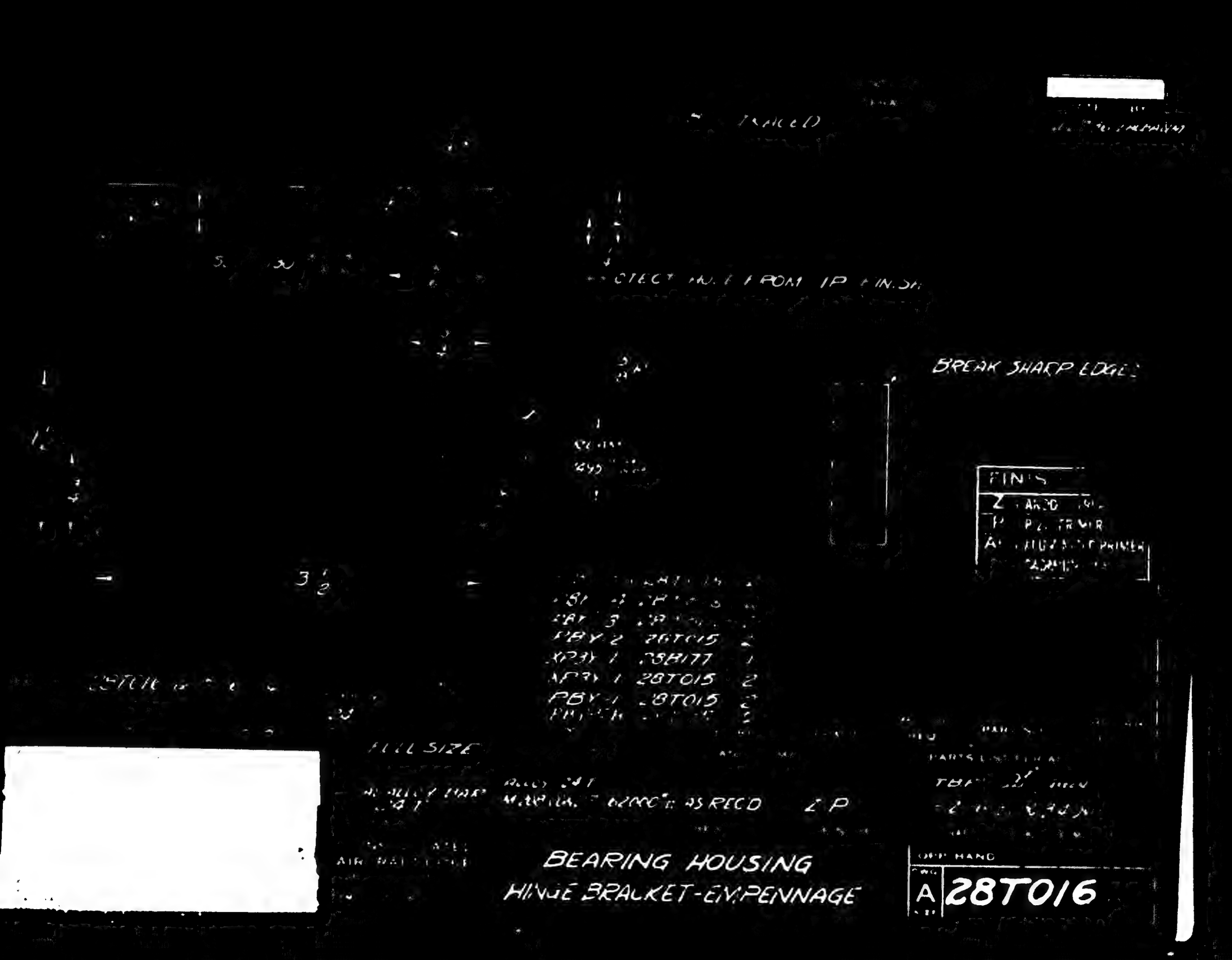
FAMME CN 6-23-37 MUFFATT

DRAFT

GOVT HAND

FSCM A 28R1066

NOTICE IS HEREBY GIVEN THAT ... PROPRIETARY ARTICLES ... CORPORATION ... THE UNITED STATES ... RIGHTS ... THEREOF ... FORTH IN THE ... WILL NOT BE ... OF THE ... IS THAT ... PURPOSES ... MAY ... ARTICLES ... PARTS MAY ... FROM CONSOLIDATED AIRCRAFT CORPORATION SAN DIEGO. ACCURACY OF THIS DRAWING NOT GUARANTEED


BREAK SHARP EDGES
FINISH
FULL SIZE
BEARING HOUSING
HINGE BRACKET-EMPENNAGE
28T016

DATE BY

9/16

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

APPROVED DATE

SCALE

MATERIAL

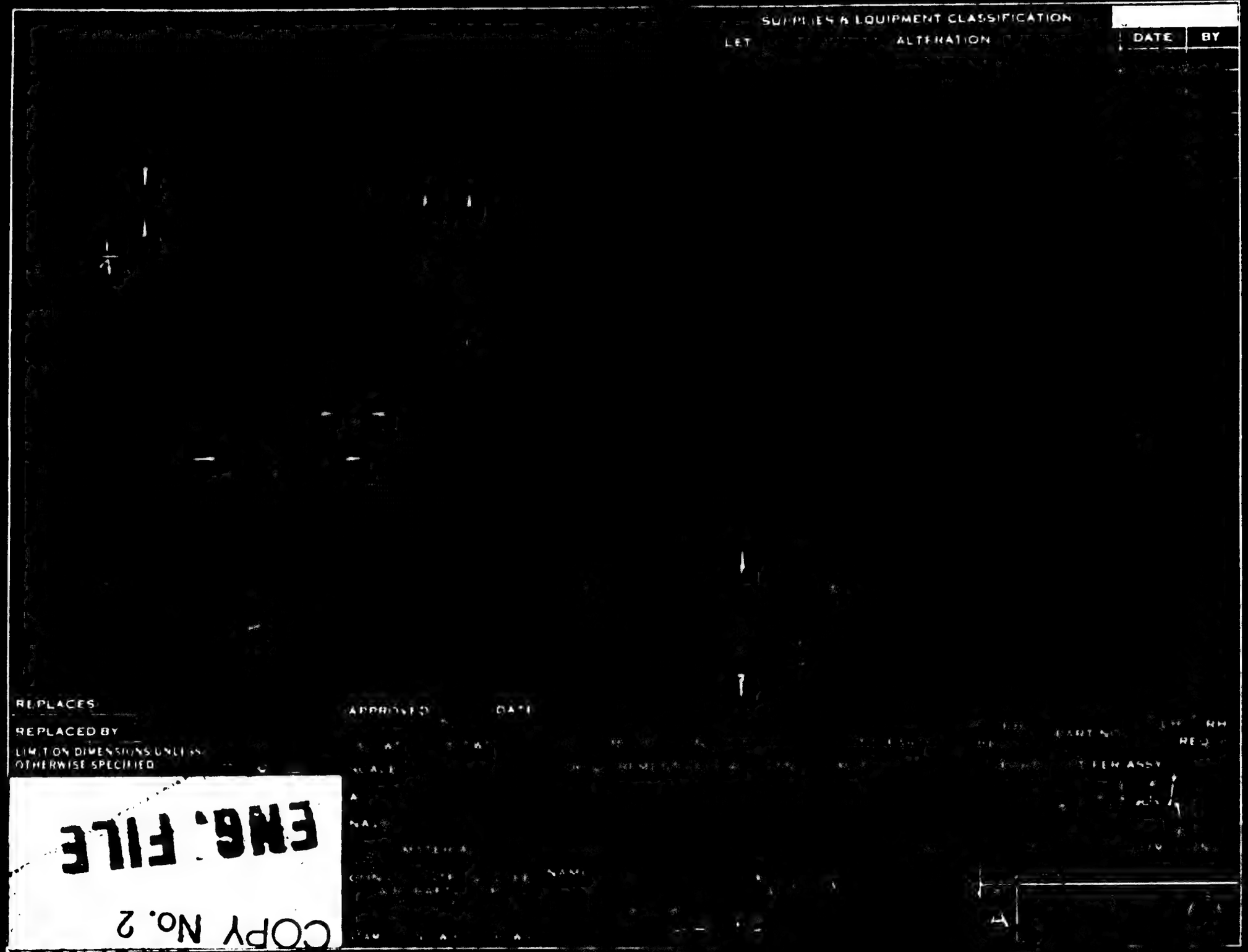
NAME

STRAIGHT CORNER FILLER

A SW5.08

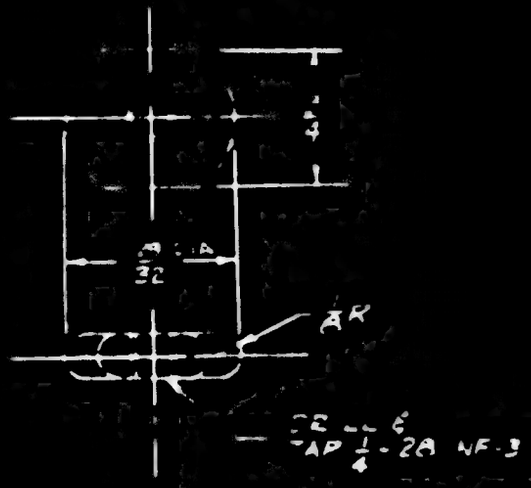
ENG. FILE

COPY No. 2


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS
OTHERWISE SPECIFIED
APPROVED
DATE
PART NO.
REQ
ITEM ASSY
ENG. FILE
COPY No. 2

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	IN B/M REPLACED SPEC. 9 6 2A3 UR A & H T. NONE WITH SPEC AN 00- S 684 & H T. 30,000 TO 125,000 #/□" BK T. AIR MATERIALS TO DATE ENG. WT. CHG. 1.6 7-43 NCB		



LH REQ	RH REQ	PART NO	LH REQ	RH REQ
		AB-SAMN 28L5028	2	
		28-SAMC 28L5028	2	
		SAC-1 28L5028	2	
		FEYSA 28-5028	2	

QH	MODEL	NEXT ASSY	REQ	ST'D PARTS
REQUIREMENTS PER AIRPLANE			MAT	PARTS LIST PER ASSY

REPLACES

REPLACED BY

LIMIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED DATE

CALC WT .04 ACT WT

SCALE 12" = 1-0"

AC

NAVY C M STL

MATERIAL

80,000 TO 125,000 #/□" | C-P

SPEC | HEAT TREAT | FINISH

1-3-44

DRAFT | CHECK | STAM | ENG

CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF

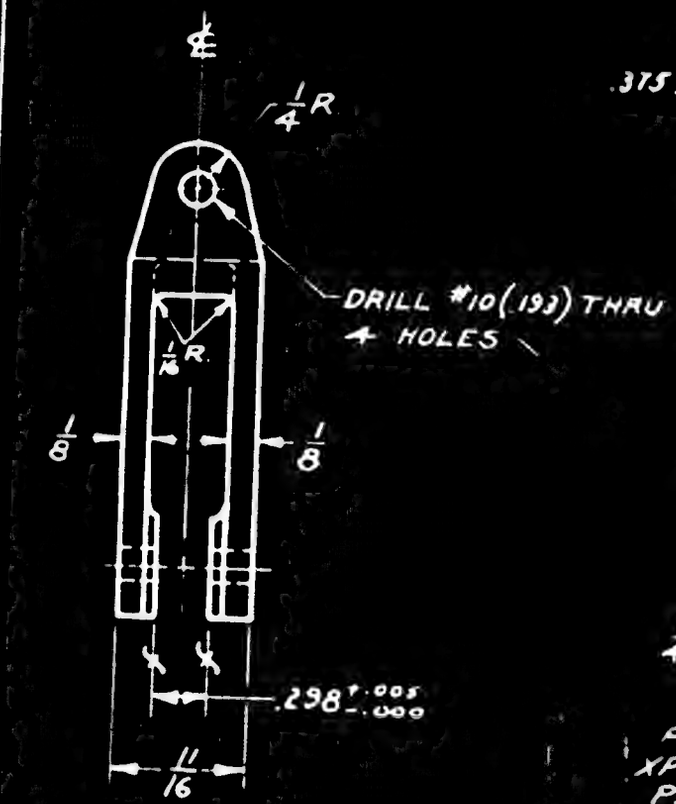
NAME

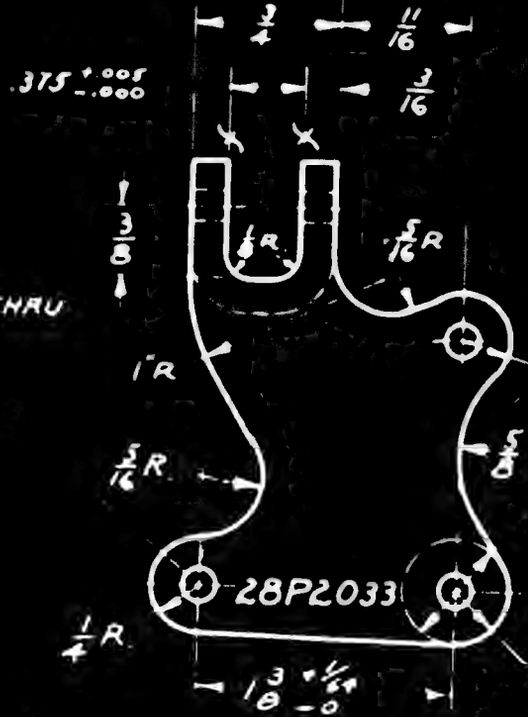
STOP - M L G - M A N STRUT LATCH SPRING

OPP HAND

DWG A SIZE 28L5065

ENG. FILE





ALTERATION	DATE	BY
A TRACED	2	STACY
B	10 7 41	HURT

PBY 5A	28P3066	1
PBY 5A	28P3024	2
PBY 5A	28P3067	1

PBY5B SAME AS PBY5A

LIMITS ON CASTING DIMENS. ± 1/32
LIMITS ON MACHINING DIMENS. ± .010

PB2Y-2	29P1044	1
XPB2Y-1	28P3017	
PBY-4	28P3067	
PBY-4	28P3066	
PBY-4	28P3024	
PBY-3	28P3067	
PBY-3	28P3066	
PBY-3	28P3024	
PBY-2	28P2009	

PB2Y-3	29P3064	
A-1 MF	32L3#1	1 REQ
B-24 A,C	32L009	1 REQ
B-24 D & C	32L3#1	1 REQ

P-27 PRIMER
ALUMINIZED PRIMER

.10 S.H.A
12" = 1'-0"
NOTED

AL. ALLOY CASTING 46A1 CL4 NAF SA-8A Z-P-2AL

BOWEN OWM HWH R
11-27-36 12-1-36

CONSOLIDATED AIRCRAFT CORP

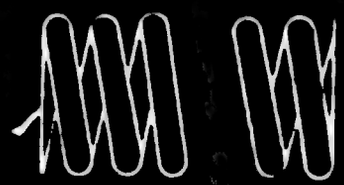
PULLEY BRACKET - CARB HEAT CONTROL - NAC'LLE CENT.

28P2033

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY

— 3/4 —



ENDS TO BE SQUARED & GROUND

— 9/16 —

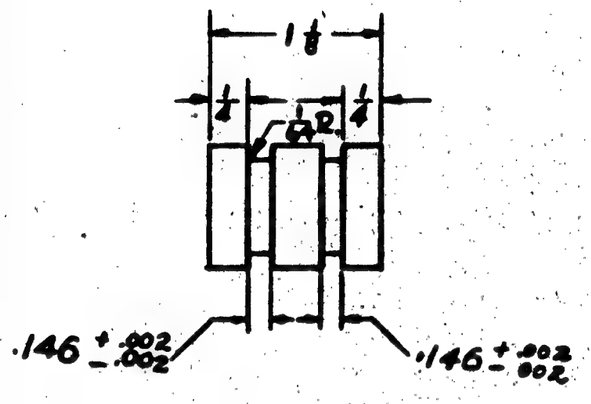
COMPRESSED LENGTH @ 35# : 5#

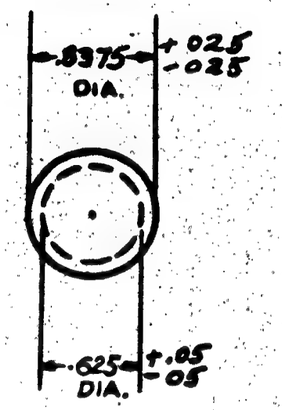
MAX. O.D. .4375

MIN. I. D .250

PURCHASE TO DWG.

LET	ALTERATION	DA





NCR #272A-1

NOTE

7/8 DIA. x 1/4 PHENOLIC FABRIC ROD
SPEC. MIL-P-15035, TYPE FBG, FORM S

APPROVED FOR
TOOLING BY
F. Howard
2/10/43

PART NO.	STOCK	MATERIAL	SPEC.
	NONE	NONE	NONE

LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST FOR ASSY.									
-0		-2		-3		-4		-5	

AS							
ASSY NONE	NONE	2-21-43					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME PLUG - BOMBERS WINDOW SHUTTER OPERATING MECHANISM

OPP. HAND NONE

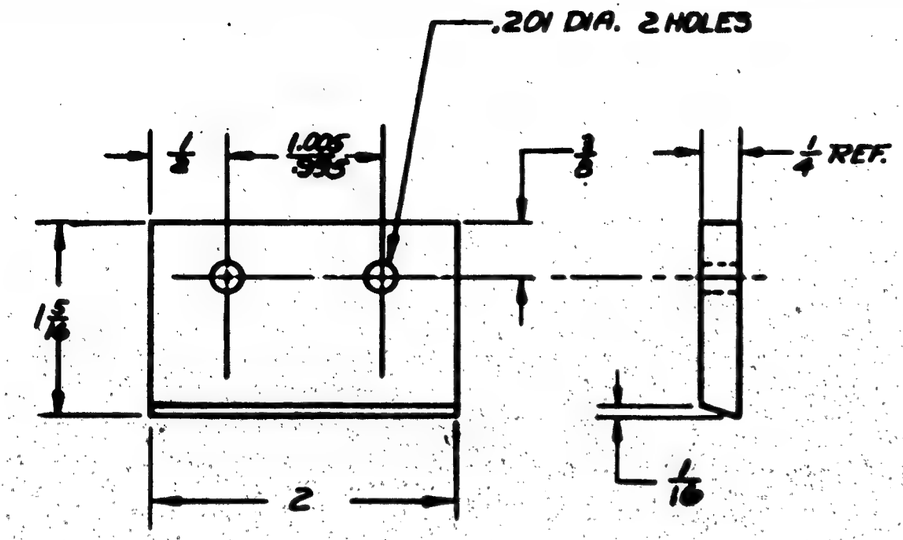
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B

28B5817

R

LET	ALTERATION	DATE



MCR272A-1

APPROVED FOR TOOLING BY
F. Howard
9/10/43

	PBY-5A	28B5819	2
	MODEL	PART ASSY.	NO.
REQUIREMENTS PER AIRPLANE			
REPLACED		.03 CHG. NTR.	
REPLACED BY		APP. NTR.	
	SCALE 12" = 1'0"		
STAMP PART NUMBER WHERE SHOWN			

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	16SK17R4 2 1/2	[illegible]	[illegible]										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		7-1-43						
NAVY NONE	NONE	DRAWN						
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME BLOCK-BOMBERS WINDOW COVER UPPER LOCKG ROD LATCH

OPP. HAND NONE

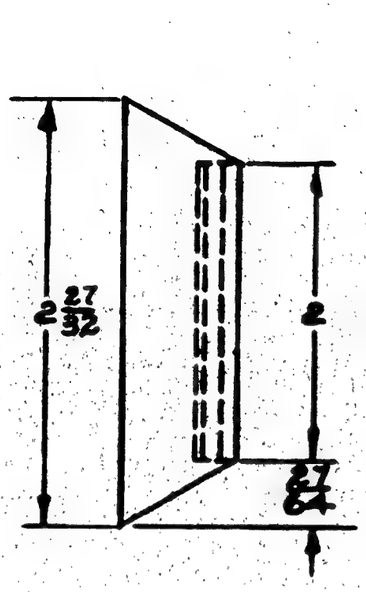
CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

DWG. B SIZE 28B5819

R

LET	ALTERATION	DATE	BY

28B5821



MCR 272-A-1

APPROVED FOR TOOLING BY
June 9/11-43

THIS PART IS IDENTICAL TO 28B1014-11

LET	ALTERATION	DATE	BY
P	TRACED & REPRINT UP TO DATE	7-12-[illegible]	[illegible]
Q	PBY-4 REQ ADDED	4-20-[illegible]	[illegible]
R	PBY-2 REQ ADDED	8-7-[illegible]	[illegible]
S	AN210-[illegible] WAS AN210-2a	8-7-[illegible]	"
T	BEARING WAS CP-4-[illegible]	9-3-[illegible]	[illegible]
	NOW K-[illegible]		
U	BEARING WAS CP-3-[illegible] NOW K-[illegible]	9-3-[illegible]	[illegible]
V	REMOVED TROLLYMAN FROM CABLE AND FROM FILE	9-3-[illegible]	[illegible]
W	NOTE 1 REVISED; NOTE 2 ADDED	[illegible]	[illegible]
X	ADDED NOTE 2 - 6 NOT ASS'D	[illegible]	[illegible]
Y	ADDED [illegible] ON [illegible]	[illegible]	[illegible]

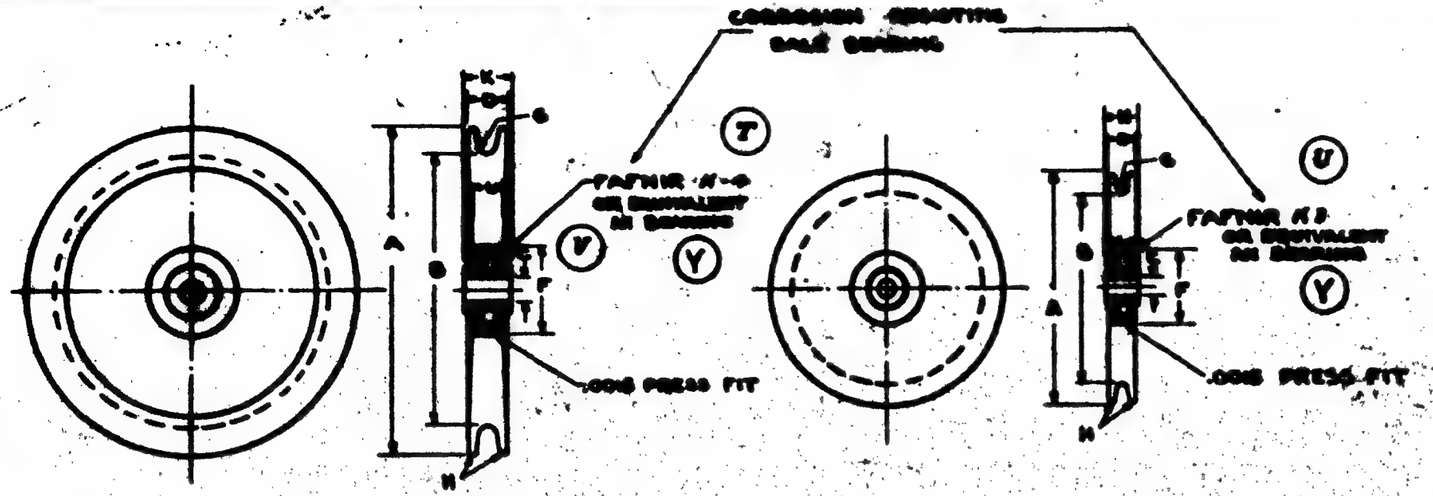


FIG. 12

FIG. 13

PART NO.	SPECIFICATION NO.	FIG. NO.	A	B	C	D	F	G	H	J	K	L *	SIZE OF CABLE	WT.	AN NO.
[illegible]	[illegible]	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	.065	
[illegible]	[illegible]	13	[illegible]	[illegible]	"	"	"	"	"		"	"	"	.0782	AN210-2a
[illegible]	[illegible]	12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	.086	AN210-3a
[illegible]	[illegible]	12	[illegible]	[illegible]	"	"	"	"	"		"	"	"	.1134	
[illegible]	[illegible]	12	[illegible]	[illegible]	"	"	"	"	"	—	"	"	"	.1430	
[illegible]	[illegible]	12	[illegible]	[illegible]	"	"	"	"	"		"	"	"	.1890	AN210-4a
[illegible]	[illegible]	12	[illegible]	[illegible]	"	"	"	"	"		"	"	"	.2050	
[illegible]	[illegible]	12	[illegible]	[illegible]	"	"	"	"	"	—	"	"	"	.390	

NOTE1 USE AN NO'S FOR PULLEYS WHEN THEY ARE INTERCHANGEABLE WITH CONSOLIDATED PART NO'S. OTHERWISE USE CONSOLIDATED PART NO'S.

* 2. TAPERED OR STRAIGHT SIDE PULLEYS OPTIONAL

3 MENDOR TO STAMP PART Nº ON FACE OF PULLEY

	PBY-5A	[illegible]
	PBY-5	[illegible]
	PBY-4A	[illegible]
	PBY-4	[illegible]
	PBY-3A	[illegible]
	PBY-3	[illegible]
	PBY-2	SEE B.M.
	PBY-1	SEE B.M.
-7	PBY-5	22C153
-4	PBY-3	22C003
-5	XPBY-1	22C012
-2	PBY-3	22C281
-2	PBY-3	22C283
-6	PBY-3	22C299
-6	XPBY-1	22C003
-4	XPBY-1	22C003
-6	PBY-2	22C299
-2	PBY-2	22C283
-2	PBY-2	22C281

REF.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REF.	RH REF.
	REQUIREMENTS PER AIRPLANE		MAT'L		PARTS LIST PER ASSY.				

REPLACES

REPLACED BY

LIMIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

RCW APPROVED 5-12-36 DATE

CALC. WT. ACT. WT.

SCALE

MATERIAL SPEC. HEAT TREAT FINISH

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

NAME PULLEY CONTROL BALL BEARING

SER. NAND B 20CO

[redacted]

[redacted]	OPPOSITE HAND						
	DRAWING APPLIES ON			DETAIL PARTS PER ASSEMBLY			
[redacted]							

5 EQUAL SPACES

ROUGH CASTING

CT'SK. 78° x [redacted] 2 HOLES

#30 (.128) DRILL
14 HOLES

#29 (.136) DRILL
CT'SK 110° x [redacted]
TAP #8-32 U.S.F.
P.DIA. .1437 ± .0001
4 HOLES

"B" (.238) DRILL
REAM .239/.240

LEFT SHOWN
RIGHT OPPOSITE

MACHINING MARKS R.H. & L.H.
RADII OF FILLETS [redacted]

H	DIM. [redacted] WAS [redacted] NO WT. CH'GE.	10-10-42	[redacted] E.O. A25962
G	ADDED [redacted]	4-24-41	[redacted]
F	[redacted]	2-28-41	[redacted]
E	HOLE [redacted]		
E	[redacted]	10-31-40	[redacted]
D	[redacted]	9-11-40	[redacted]

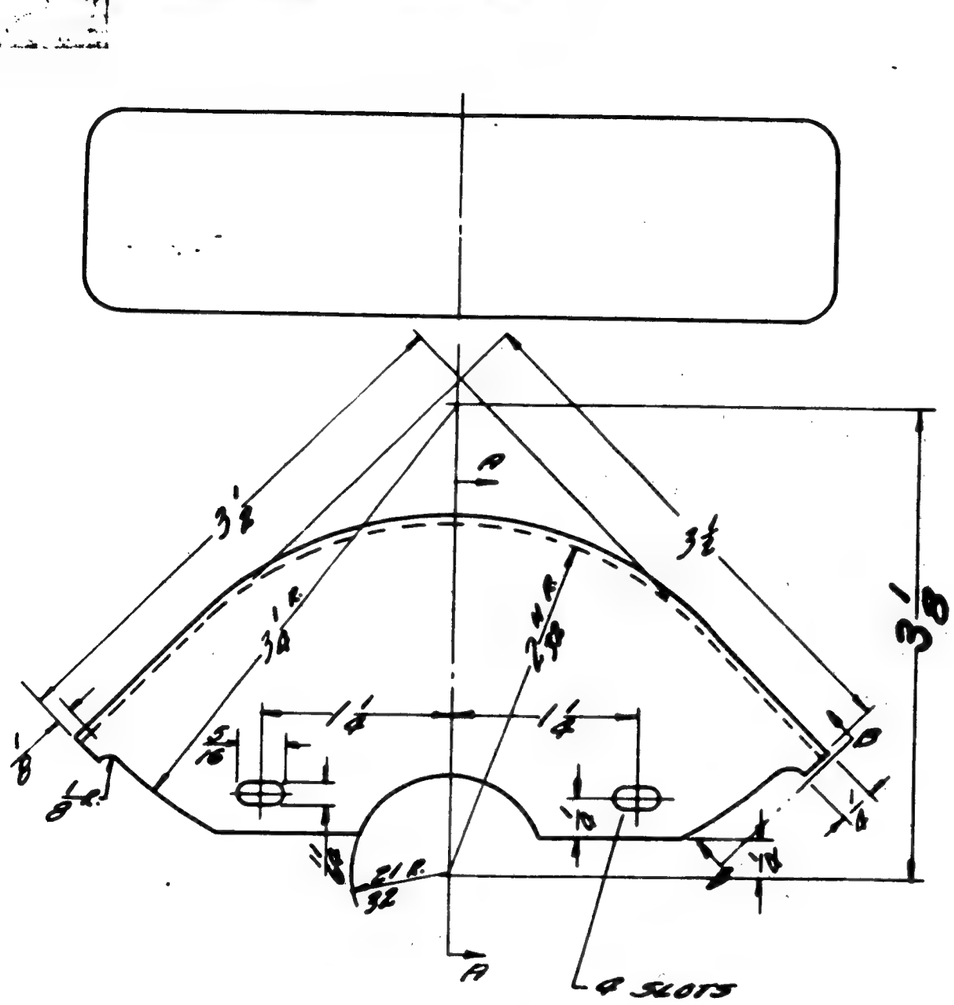
[redacted]							
				DRAWING APPLIES ON		DETAIL PARTS PER ASSEMBLY	
[redacted]							

SIZE WT. .25 lbs	ACT. WT. .26 lbs	SCALE 1/1	
MATERIAL [redacted]		DRAFTSMAN [redacted]	[redacted]
SPEC'S. [redacted] NO.: [redacted]		[redacted]	[redacted]
HEAT TREAT [redacted]		[redacted]	[redacted]
FINISH [redacted]		[redacted]	[redacted]

[redacted] DRWG. No. [redacted]

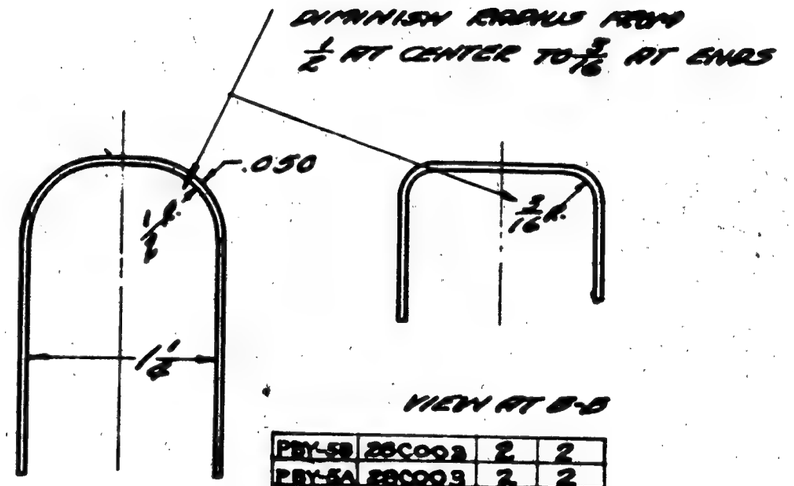
[redacted]

OPPOSITE HAND							
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D



.050 (5/16 OBS. GA)

(E)



VIEW AT B-B

SECTION A-A

PBY-5B	28C003	2	2
PBY-5A	28C003	2	2
PBY-5	28C003	2	2
PBY-4	28C003		
PBY-3	28C003		
PBY-2	28C003		
PBY-1	26C003		
XPBY-1	28C003	2	2
PBY-2	22C003	2	2
PBY-3	22C003	2	2

LET	CHANGED	DATE	CH. BY
E	REMOVED WELD NOTE	12-2-40	TWITO
	2450 ALCLAD WAS		DORDT
	SPEC. 17AR		
	ADDED H.T. SPEC SR53		
D	FINISH WAS 2-P-27KV	6-16-37	WILSON
C	PBY-1 ADDED	10-21-35	AWQ
B	TRACED & BROUGHT UP TO DATE	3-11-35	R.A.T.

FINISH:
ANODIZE, P27 PRIMER,
2 DULL BLACK LACQUER

NAVY APPROVED
LCW 12-22-35
DATE

CALC. WT.	ACT. WT.
.006	.10

SCALE 1/1

MATERIAL 2450 ALCLAD SHEET

SPEC'S. AN NO.. 17AR COND "A"

HEAT TREA. SR53-COND."T"

FINISH 2-P-20BL

DRAFTSMAN	Hyland	1-28-35
STRENGTH & WT.EXAM	MILLER	9-14-31
CHECKED		
APPR'VD. & REL'S'D.		

COVER-CONTROL-YOKE-UPPER PULLEY BRACKET

CONSOLIDATED AIRCRAFT CORPN. DR'W'G No. 28C067

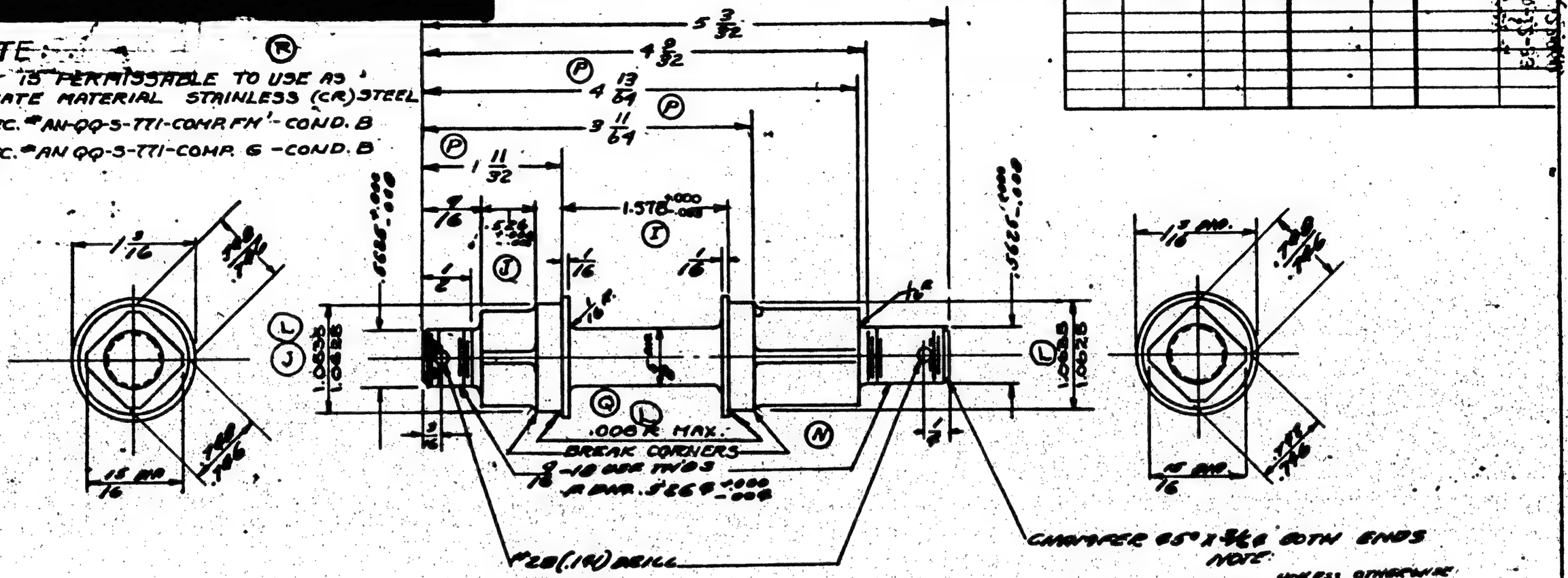
BLUE PRINTED BY

[redacted]

NOTE:

IT IS PERMISSABLE TO USE AS ALTERNATE MATERIAL STAINLESS (CR) STEEL ROD SPEC. #AN-QQ-S-771-COMR FM - COND. B OR SPEC. #AN QQ-S-771-COMR 6 - COND. B

OPPOSITE HAND							
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASSY	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D



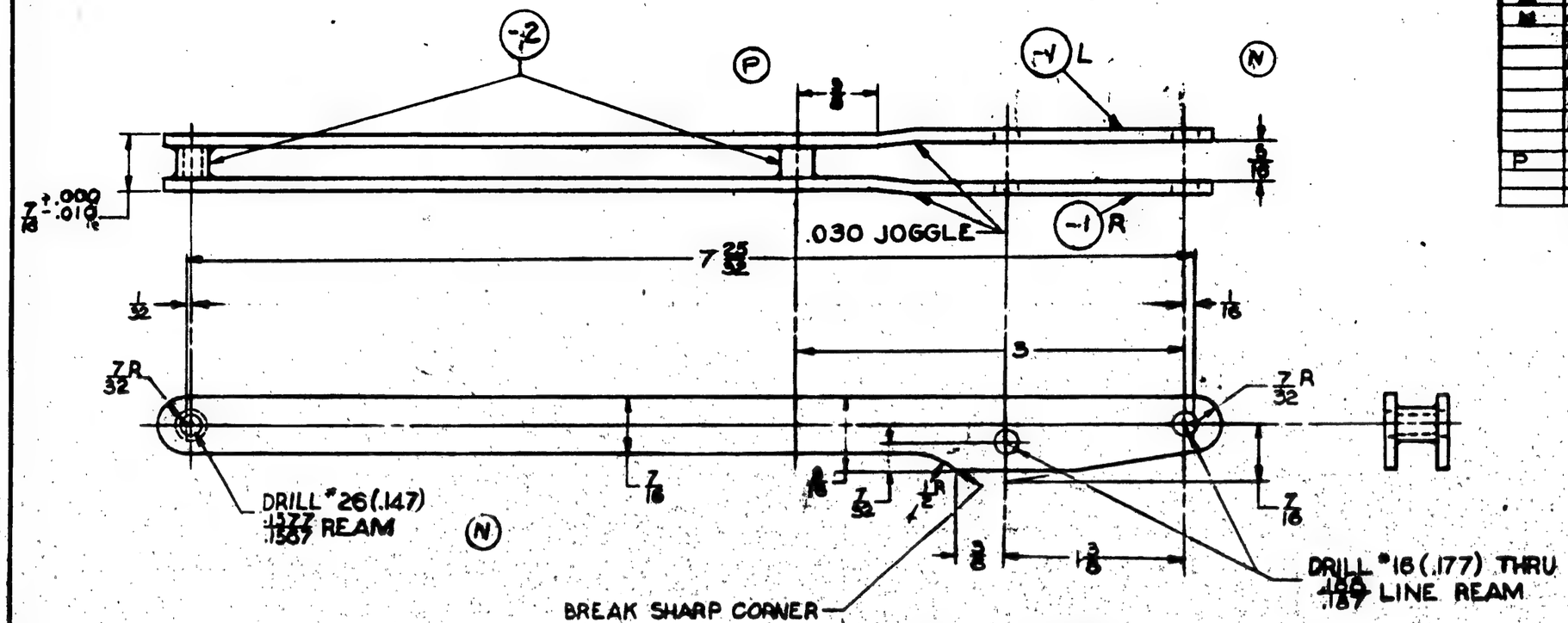
R	ADDED MAT. NOTE "IT IS ---" STEEL ROD." WT. CHG. NO CHG.	5-29-43	WELLS
Q	[redacted] .008 R MAX. NO WT. CHG	5-29-43	WELLS
P	ADDED DIM'S. 4 9/32, 4 13/64, 3 11/64 & 1 11/32 TO FACE. NO WT. CHG.	10-17-42	MOE
N	ADD. .008 R. TO FACE. NO WT. CHG	10-17-42	MOE
M	MAT'L WAS STAINLESS STEEL	6-5-38	RPH
L	[redacted]	5-31-37	D.H.W.
K	ADDED PBY-2 [redacted]	1-5-37	D.H.W.
J	[redacted]	1-5-37	D.H.W.
I	WAS 1 19/32 NOW 1.578 +.000 -.008	7-13-35	[illegible]
H	PBY-1 ADDED	10-21-35	Quill
G	TRACED & DRAWING UP TO DATE	10-2-34	Tuttle
	[redacted]	DATE	CHK. BY

C.O. 6856

PBX-4	28C003						
PBY-3	28C003						
PBY-2	28C003						
PBY-1	28C003						
KP3Y-1	28C003	2	2				
PBY-5	28C003	2	2				
PBY-5A	28C003	2	2				
	[redacted]						
	[redacted]						
	[redacted]	

LET	ALTERATION	DATE	BY
M	TRACED NO WT. CHG.	5-24-43	BEARD
M	ADDED .030 JOGGLE [illegible]		
	[illegible] -1 MATERIAL NOTE WAS [illegible]		
	MONEL METAL SPEC. SPEC. M [illegible]		
	COND. ½ HT. [illegible]		
	-2 NOTE WAS "[illegible] DIA. K-MONEL		
	ROD SPEC. M253a COND. HT.		
	WT. CHG. NEG.	6-24-43	MONISO
P	REMOVED EXTRA HOLE IN B/M		
	REMOVED HEAT TREAT SPEC.		
	WT. CHG NEG.	6-23-43	DAOMUN

22C110 P



NOTES (N)

1. CORR & HEAT RESISTANT SHEET STEEL.
2. CORR. & HEAT RESISTANT STEEL BAR, HEAT TREAT NONE.

ASSY. DASH NO.	MODEL	NEXT ASS'Y	REQ
	28-5AMN	28C003	2
	28-5AMQ	28C003	2
	28-5MN	28C003	2
	28-5ME	28C003	2
	28-5MC	28C003	2
	28-5MA	28C003	2
	P8Y-5	28C003	2
	P8Y-5B	28C003	2
	P8Y-5A	28C003	2
	P8Y-4	28C003	
	P8Y-3	28C003	
	P8Y-2	28C003	
	P8Y-1	28C003	
	XP8Y-1	28C003	2
	P2Y-2	22C003	2
	P2Y-3	22C003	2

REQUIREMENTS PER AIRPLANE

REPLACES 22C110 — 10-2-34 — 145 CALC. WT.

REPLACED BY — 15 LB. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± —

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.		LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-2	¼ DIA x 1	NOTE #2	AN QQ-S-771	2										
-1R	.093 x 3/16 x [illegible]	NOTE #1	AN QQ-S-757	1										
-1L	.093 x 1 3/16 x [illegible]	NOTE #1	AN QQ-S-757	1										
PARTS LIST PER ASSY.					-0	■	-3		-4		-5			

AC NONE	NONE	DOLAN		MILLER		I.C.W.			
NAVY NONE	NONE	1-28-39		9-14-31		10-22-35			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.		

NAME LINK-CONTROL-YOKE CHAIN-LOWER

OPP. HAND NONE

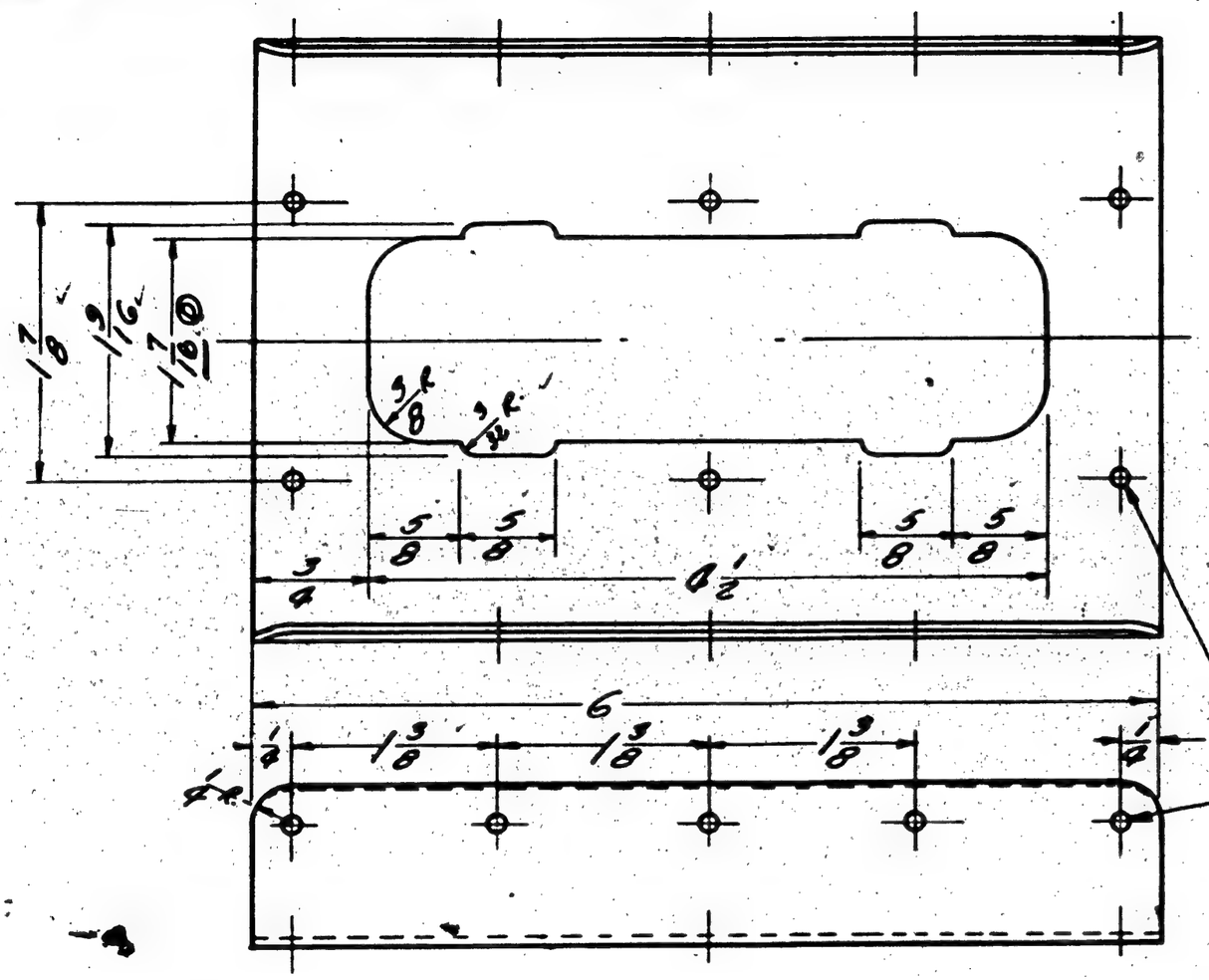
DWG. SIZE B — 22C110

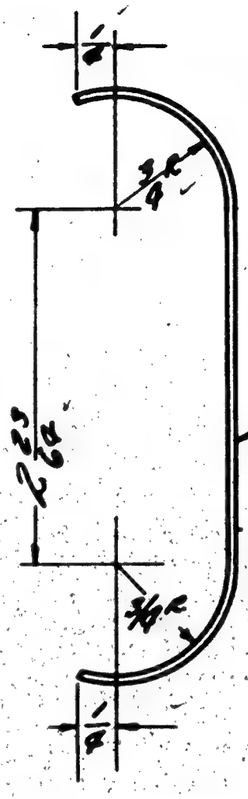
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

[redacted]

[redacted]

OPPOSITE HAND							
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASSY	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D





.064 (#18 AGS GA.)
DEVEL. WIDTH 5 9/16

DRILL #30 (.128)
16 HOLES

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIME

LET.	CHANGED	DATE	CH. BY
D	FROM 1 5/8 TO 1 7/16	8-23-37	Hunter
C	PBY-1 ADDED	10-21-35	Allen
B	TRACED & BROUGHT UP TO DATE	10-8-34	Tuttle

PBY-5A	28C004		1
PBY-5	28C004		1
PBY-4	28C004		1
PBY-2	28C004		1
PBY-1	28C004		1
XP3Y-1	28C004	1	1
PBY-5	28C089	1	1
PBY-3	28C089	1	1

NAVY APPROVED		CALC. WT.	ACT. WT.
LCW	12-22-35 DATE	.187	.19

SCALE 1/1

MATERIAL ALUM ALLOY SHEET
SPEC'S. NO: 47A10 COND. A
HEAT TREAT . 3R53 COND T
FINISH Z-.. GP

DRAFTSMAN Hafer 1-28-33
STRENGTH & WT.EXAM. Miller 9-19-31
CHECKED
APPR'VD. & REL'S'D.

PLATE-CONTROL-YOKE-REINFORCING

CONSOLIDATED AIRCRAFT CORPN. DR'WG. No. 28C115

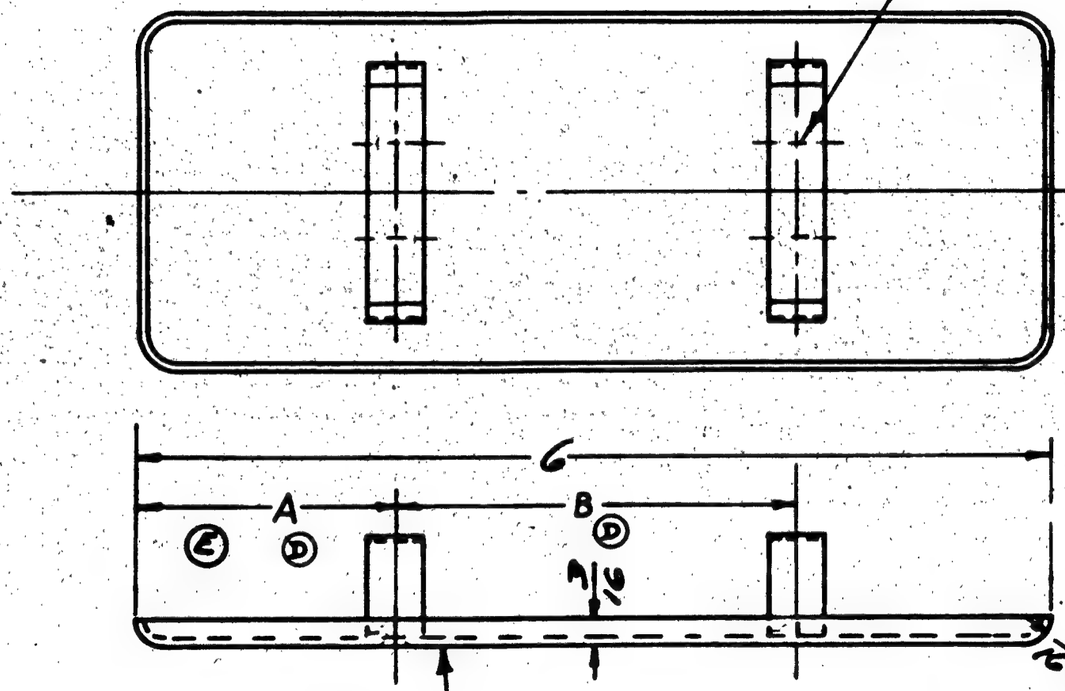
[redacted]

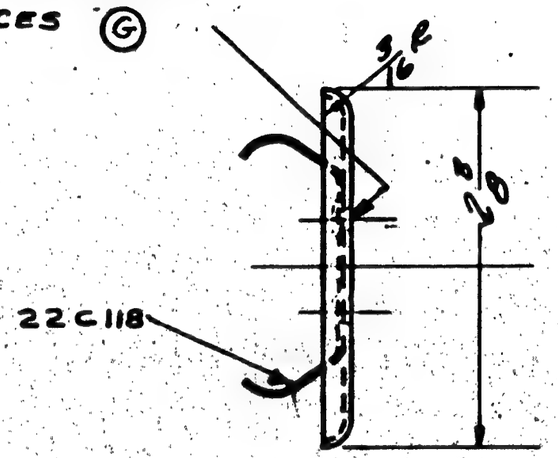
PART NO.	A	B	
-0	$1\frac{11}{16}$	$2\frac{5}{8}$	(D)
-700	$1\frac{1}{2}$	$2\frac{5}{8}$	(H)

OPPOSITE HAND

DRAWING - APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASSY	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D

Q4305-D4-9 (1/8 X 1/8 RIVET)
DRILL #30 (.128)
- 4 PLACES (G)





FINISH CODE

Z	ANODIC TREATMENT
P	R-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIMER

	-700	M-5MA	28C003		/	-							
C-91836	-700	PBY-5	28C003		/								
C-70496	-0	PBY-5	28C003		/		-0	28-5MA	28C003		/		
	-700	PBY-5	28C003		/		-700	28-5MC			/		
C-77113, 88476	-700	PBY-5A	28C003		/		-0	28-5MA			/		
C-70496	-0	PBY-5A	28C003		/		-700	28-5MC	28C003				
(D)	-700	28-5ME	28C003-56	/	/								
		PBY-5A	28C003										
		PBY-2	28C003										
		PBY-1	28C003										
		XPBY-1	28C003	/	/				22C118-2		1	(D)	
		PBY-2	28C003	/	/				22C118	2	2		
		PBY-3	28C003	/	/				22C116-4	1			

LET.	CHANGED	DATE	CH. BY
H	DIM. 2 5/8 WAS 2 15/16 FOR -700 WT. CHG. NEG.	9-13-43	[redacted]
G	Q4305-D4-4(4) WAS 22 Q 013-D4-4(4), "4 PLACES" WAS "CT 5'K 78° X 7/32 DIA"		
F	WT. CHG. NEG.	10-15-42	FUNK
E	ADDED 28-5-ME & 22C116-700 AND 22C116-0 ADDED TABLE FOR TABULATED DIM. A AND B	1-14-41	LENTZ E.O. 25495B 28-5-ME
D	1 5/8 DIM. WAS 1 11/16	11-25-40	[redacted] EO 25495A
C	FINISH WAS 3ARV	6-16-37	[redacted]
B	PBY-1 ADDED	10-21-35	AWA
A	TRACED [redacted] UP TO DATE	10-2-34	FUNK

NAVY APPROVED LCW 10-22-35 DATE

CALC. WT.	ACT. WT.
.100	.10

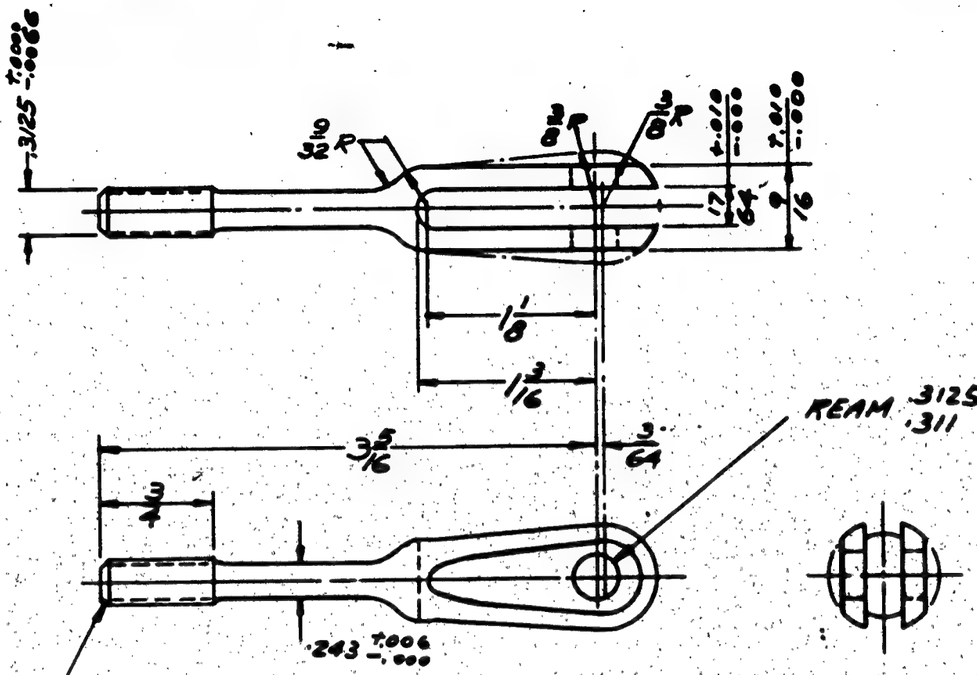
SCALE 1/1

MATERIAL	NOTED	DRAFTSMAN	[redacted]	1-28-33
SPEC'S. AN NO.:	NOTED	STRENGTH & WT. EXAM.	MILLER	9-14-31
HEAT TREAT	NONE	CHECKED		
FINISH	Z-P-[redacted] BEFORE ASSY	APPR'VD. & REL'S'D.		

(D) COVER-CONTROL-YOKE-INSPECTION HOLE

CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22C116

DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D



CHAMFER 45° x 3/64
THD 5/16-24 U.S.F.
P. DIA. .2854 +.0000 -.0024
AFTER PLATING

D	MAT. WAS CHROME NICKEL ST. 46523	10-22-35	CWR
C	PBY-1 ADDED	10-21-35	CWR
B	TRACED & BROUGHT UP TO DATE	10-2-34	J.W.Mc
LET	CHANGED	DATE	CH. BY

SULLIVAN-McKEEGAN CO., INC. BUFFALO NAVELINE PENCIL CLOTH

PBY-5A	28C1098		1
PBY-5	28C1098		1
PBY-4	28C1098		1
PBY-3	28C1098		
PBY-2	28C1098		
PBY-1	28C1098		
XPBY-1	28C082		
PBY-2	28C256		
P2Y-3	28C256		

(E)

NAVY APPROVED									
RCW 10-22-35 DATE									
CALC. WT. .14	ACT. WT. .14#	AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
SCALE 1/1		DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			

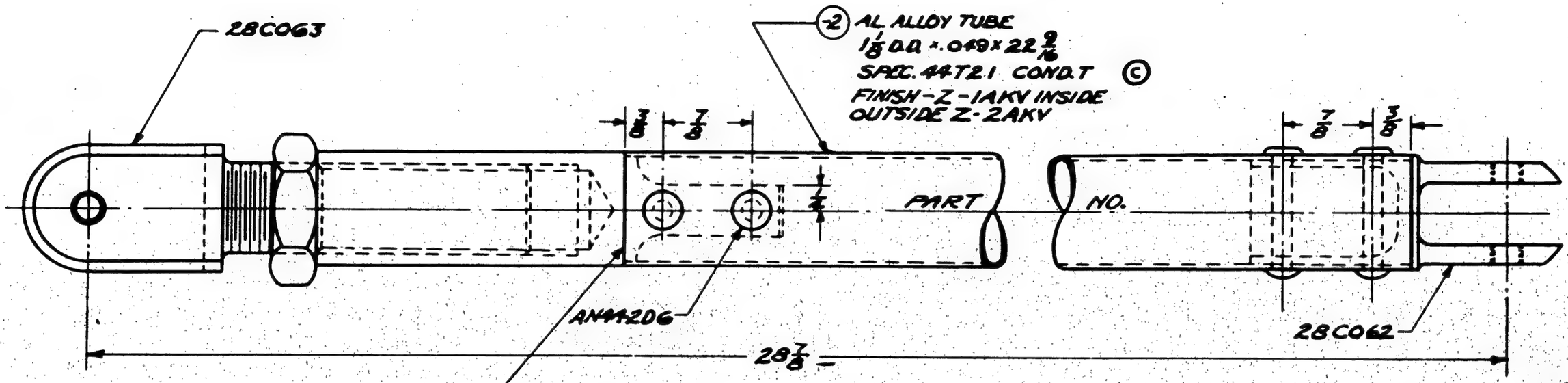
MATERIAL CHROME MOLY. STL. BAR	DRAFTSMAN	R.C.J. A.V.	9-10-35 1-26-36
SPEC'S. AN NO.: 46523	STRENGTH & W'T. EXAM.	Mueller	
HEAT TREAT SH 270/125.000 #/4"	CHECKED		
FINISH "C"	APPR'VD. & REL'S'D.		

FORK-CONTROL-TURNBUCKLE AILERON CABLE

CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22C255

RC

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-10-36	LDM
C	44T21 WAS 44T28, PBY-2&PBY-3	5-14-37	WEIR
C	REQTS ADDED	- - -	.. ..



G.P. GREEN PRIMER

C-88476
C-7099677713

REPLACES													
REPLACED BY													
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −													
[redacted] 12-10-36 DATE													
1.314 CALC. WT.	ACT. WT.												
SCALE [redacted]'=0"													
AC													
NAVY NOTED													
MATERIAL													
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.													
STAMP PT. No. WHERE SHOWN													

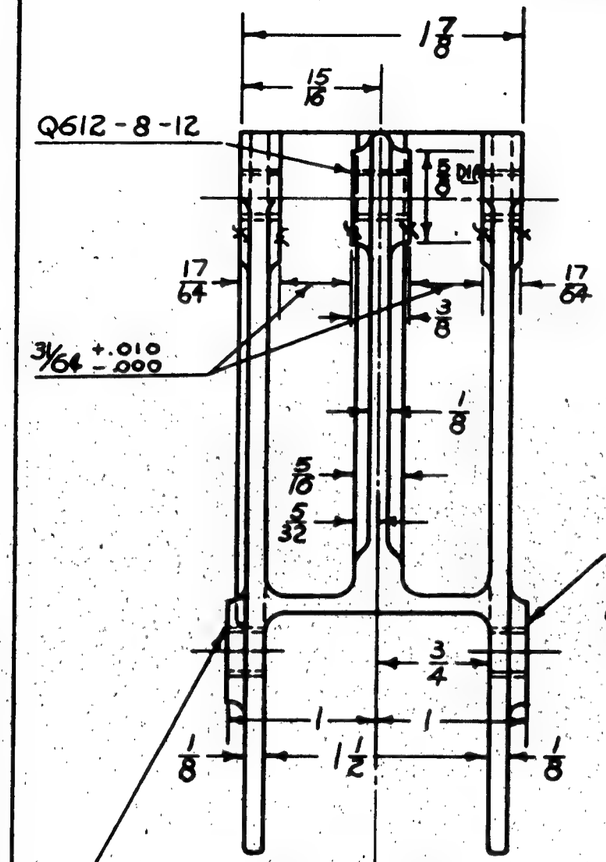
	PBY-5A	28C5569	2										
	PBY5A	28C5700	2										
	PBY-4	[redacted]											
	PBY-3	28C2006									28C063	1	
	PBY-2	[redacted]									28C062	1	
	PBY-1	[redacted]									28C024-2	1	
	XPBY-1	28C0001		AN442D6	4								
	PBY-2B	[redacted]	2										
O.K.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.				
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.								
					5-10-34	Stein	H.P.	E					
NOTED	NOTED	NONE		[redacted] GP	[redacted]	11-1-36		R					
					DRAFT	CHECK	EXAM.	ENG.					

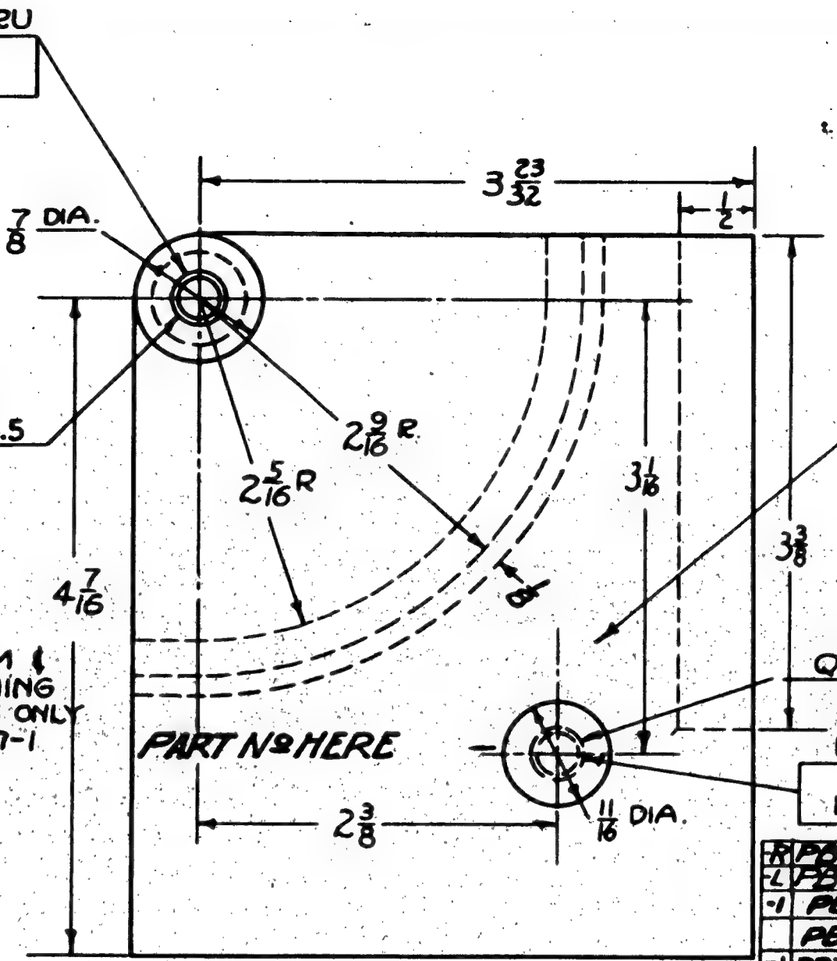
NAME
TUBE - CONTROL
AILERON OPERATING SHORT ASSEM.

OPP. HAND

PART NO. B 28C024

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
H	TRACED UPTO DATE	2-25-37	V.I.B.
J	Q612-8-8.5 WAS Q612-8-8	5-7-37	W.N.A.





28C027-2
MAT'L - ALUM. ALLOY CASTING
SPEC. - M - 186
H.T. 42000 #/SQ. IN.
FINISH: Z-AKV (BEFORE ASSEM. BUSHING)

G.P. GREEN PRIME

R	PBY5A	28C1012	1	} SAME FOR PBY-5B
L	PBY5A	28C1012	1	
-1	PBY-4	28C1012		
	PBY-4	28C1012		
-1	PBY-3	28C1012		
	PBY-3	28C1012		

-1	PBY-L	28C1012	1				Q612-8-12	1	1		
	PBY-2	28C1012	1				Q612-8-8.5	2	2	③	
-1	PBY-1	28C1012	1				Q612-8-8	1	1	③	
	PBY-1	28C1012	1								
-1	XP3Y-1	28C012									
	XP3Y-1	28C012					28C027-2	1	1		
				O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

NOTE —
FILLET RADII TO BE 1/8

28C027 L.H. AS NOTED
28C027-1 R.H. AS NOTED

REPLACES	[redacted] 2-25-37 DATE					
REPLACED BY	.87 CALC.WT.	ACT.WT.				
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±	SCALE 12" = 1'-0"		REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.
	AC					
	NAVY NOTED	NOTED	NONE	Z-[redacted] G.P.	3-23-37 DRAFT	Anderson R 2-26-37 CHECK; HmB EXAM.; ENG.
	MATERIAL	SPEC.	HEAT TREAT	FINISH		

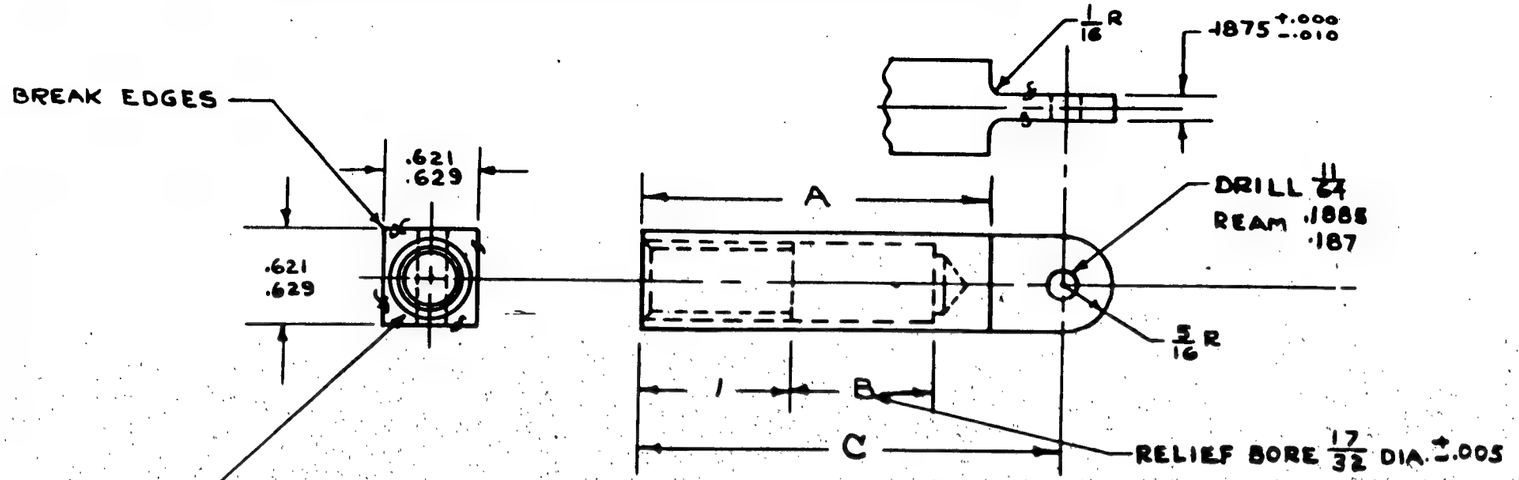
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

NAME: HOUSING LOWER STA 2 RUDDER & AILERON PULLEY
OPP. HAND 28C027-1
SIZE B
28C027

SULLIVAN-MORGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

28C048

LET	ALTERATION	DATE	BY
L	TRACED NO WT. CHG.	9/16/43	FUNK
M	.2511 PITCH DIA. WAS .2498 NO WT CHG	10/16/43	FUNK



DRILL 3/8 DIA. – DEPTH "D"
C'SINK 110° X 1/2
TAP 1/2 – 8 THDS. PER IN.
ACME STD. THREAD
.4555 PITCH DIA.
.4425

(M)

-2	PB2Y-3	29C5072	1
-2	PB2Y-2	29C1590	1
-2	28-5AMC(AMN	28C2050	1EA

-2	28-5ME-MN	28C2050	1EA
-2	28-5MA(MC	28C2050	1EA
-2	PBY-5,5A(5B	28C2050	1EA
-2	PBY-4	28C2050	1
-2	PBY-2(-3	28C2050	1EA
-0	28-5AMC(AMN	28T2028	2EA
-0	28-5ME(MN	28T2029	2EA
-0	28-5MA(MC	28T2029	2EA
-0	PBY-5A(5B	28T2029	2EA
-0	PBY-4(-6	28T2028	2EA
-0	PBY-3(-4	28B1008	1EA
-0	PBY-2(-3	28T2029	2EA
-0	PBY-1(-2	28B1008	1EA
-0	PBY-1	28T1008	2
-0	XPBY-1	28T002	

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES 28C048 5/7/34	.22 CALC. WT.
REPLACED BY	ACT. WT.
UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
-2	3/4 ROD x 4	MANG. BRONZE	46B15 H.H.										
-0	3/4 ROD x 3 1/4	MANG. BRONZE	46B15 H.H.										

PARTS LIST PER ASSY.

AC		5-7-34	6-5-34	10-18-35
NAVY ———	C, EXCEPT THREADS	FARNSWORTH	CARLSON	LLM
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.
			MAT	APPROV.
				ENG

NAME SOCKET
FLAP OPERATING TUBE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

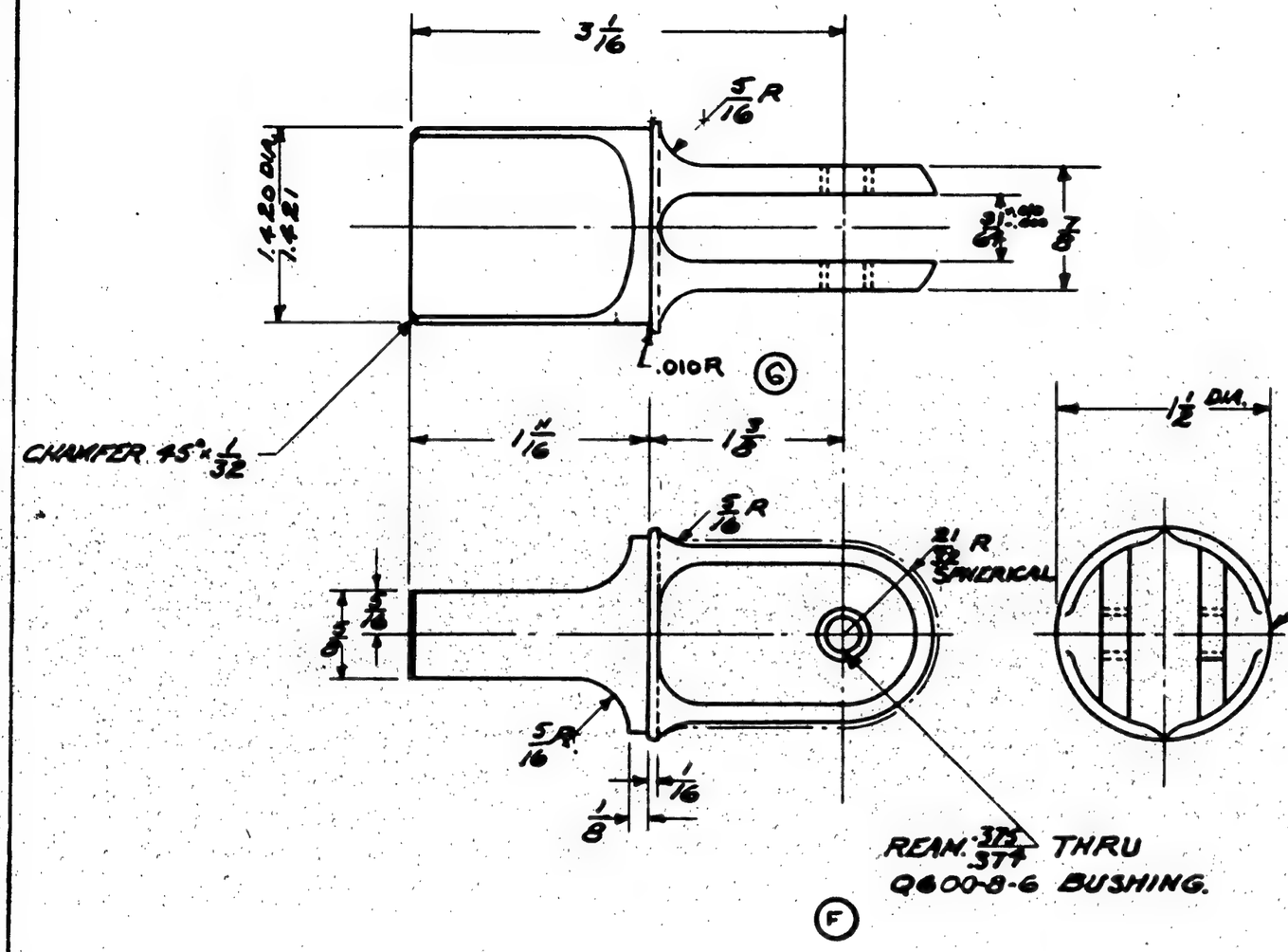
DWG. SIZE B — 28C048

PART NO.	A	B	C	D	WT. CALC.	WT. ACT.
28C048-0	2 5/16	15/16	2 3/4	2	.22	
28C048-2	3 1/8	1 3/4	3 9/16	2 13/16		

FINISH CODE	
Z	ANODIC TREATMENT
P	727 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	12-[illegible]-36	[illegible]
D	Q612-8-6 REQ'S FROM 1 TO 2	11-21-37	[illegible]
E	ADDED FINISH Z-P FOR PB2Y-2	11-29-37	[illegible]
F	Q600-8-6 WAS Q612-8-6 WT.-		
	ENG.: NEG	5-13-[illegible]	[illegible]
G	ADDED .010 R & IN. TOL. BLOCK	5-13-[illegible]	[illegible]
	ADDED 1/64 OR .010 NO WT CHG.		



② AL. ALLOY BAR
SPEC. - 46A9 (CONDITION-T) ALLOY 24-T
H.T. - AS PER SPEC - SR53
FINISH - Z-IN GP BEFORE
INSERTING BUSHINGS
* FINISH - Z-P - PB2Y-2 & PB2Y-3

	PBY-6	28C021	2
	PB2Y-2	29C803-2	2
	PB2Y-2	29C1537	2
	PBY-5B	28C021	2
	PBY-5A	28C021	2
	PB2Y-3	29C8515	2
	PB2Y-3	29C5065	2
	PBY-2	28C021	2
	PBY-2	29C803-3	2
	PBY-4	28C021	
	PBY-3	28C021	
	PBY-5	28C021	
	PBY-1	28C021	2
	XPBY-1	28C021	

GP-6 GREEN PRINT FINISH [illegible]

															Q600-8-6	2	
															-8	1	
O.H	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	REQ.
---	---	---	---	---	---	---	---	---
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.			

AC			* G.P.	5-3-38	[illegible]	NR	L
NAVY NOTED	NOTED	NOTED	NOTED & 2 [illegible]	[illegible]	12-17-36		
MATERIAL [illegible]	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64 OR .010

[illegible] 12-12-36 DATE

CALC. WT. .811 ACT. WT.

SCALE 12" = 1'-0"

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME CLEVIS - CONTROL - AILERON - PUSH PULL TUBE

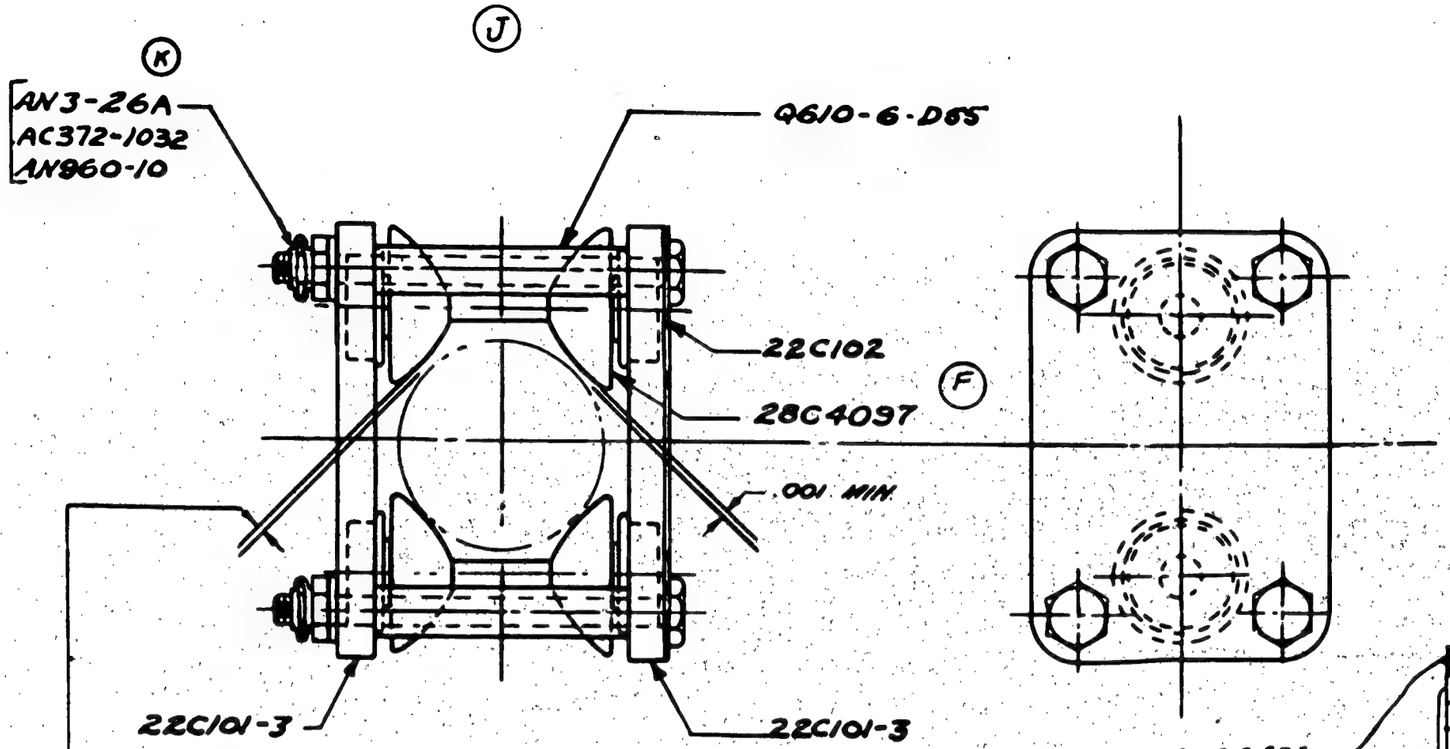
OPP. HAND

SIZE B

28C054

SULLIVAN-METZGAR CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED	12-12-36	L.D.M.
E.	CHANGED 28C001 IN NEXT		
	ASSY. TO 28C1000 FOR	11-1-37	WHEELER
	PBY-1 & 28C2000 FOR		
	PBY-2 & PBY-3.		
C.O. 7512 F	22C097 REPLACED BY 28C4097	8-5-38	THOMAS
C.O. 7681 G	ADDED TOLERANCE	4-1-39	KENNEDY
EQA12356 H	ADDED NOTE & MODELS TO	9-16-41	L. Brown
	FACE OF DWG & 4/M		
J	REMOVED "H" CHANGE NOTE		
	FROM FACE OF DWG.	10-2-41	L BROWN
K	AN3-26A WAS AN3-26-AC372-1032 W/AS	4-4-42	WEISMAN
	AN310-3 NO WT CHG.		



C-88476

(H)

C-70996 77713

(E)

	PBY-5A	28C5564	16							
	28-5MN	28C5500	10							
	28-5ME	28C5500	10							
	28-5MC	28C5500	10							
	28-5MA	28C5500	10							
	28-5AMC	28C5750	10							
	PBY-5B	28C5500	10							
	PBY-5A	28C5700	10							
	PBY-5	28C5000	10					Q610-6-D65	4	
	PBY-4	28C4AM						22C102	1	
	PBY-3	28C2000						22C101-3	2	
	PBY-2	28C2000	10	AN960-10	4			28C4097	2	
	PBY-1	28C1000	10	AC372-1032	4					
	XP3Y-1	28C001	10	AN3-26A	4					
					LH REQ.	RH REQ.	PART NO.		REQ.	

REPLACES						
REPLACED BY						
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±						
APPROVED 12-12-36 DATE						
CALC. WT. .60	ACT. WT.	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS
SCALE 12" = 1'-0"		REQUIREMENTS PER AIRPLANE				MAT.
AC						
NAVY NOTED		NOTED	NONE			NONE
MATERIAL		SPEC.	HEAT TREAT			FINISH

PARTS LIST PER ASSY.

6-8-38 Stiles	H.P.	L	
12-17-36		R	
DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME BEARING - CONTROL - AILEVON OPERATING TUBE - ASSEMBLY

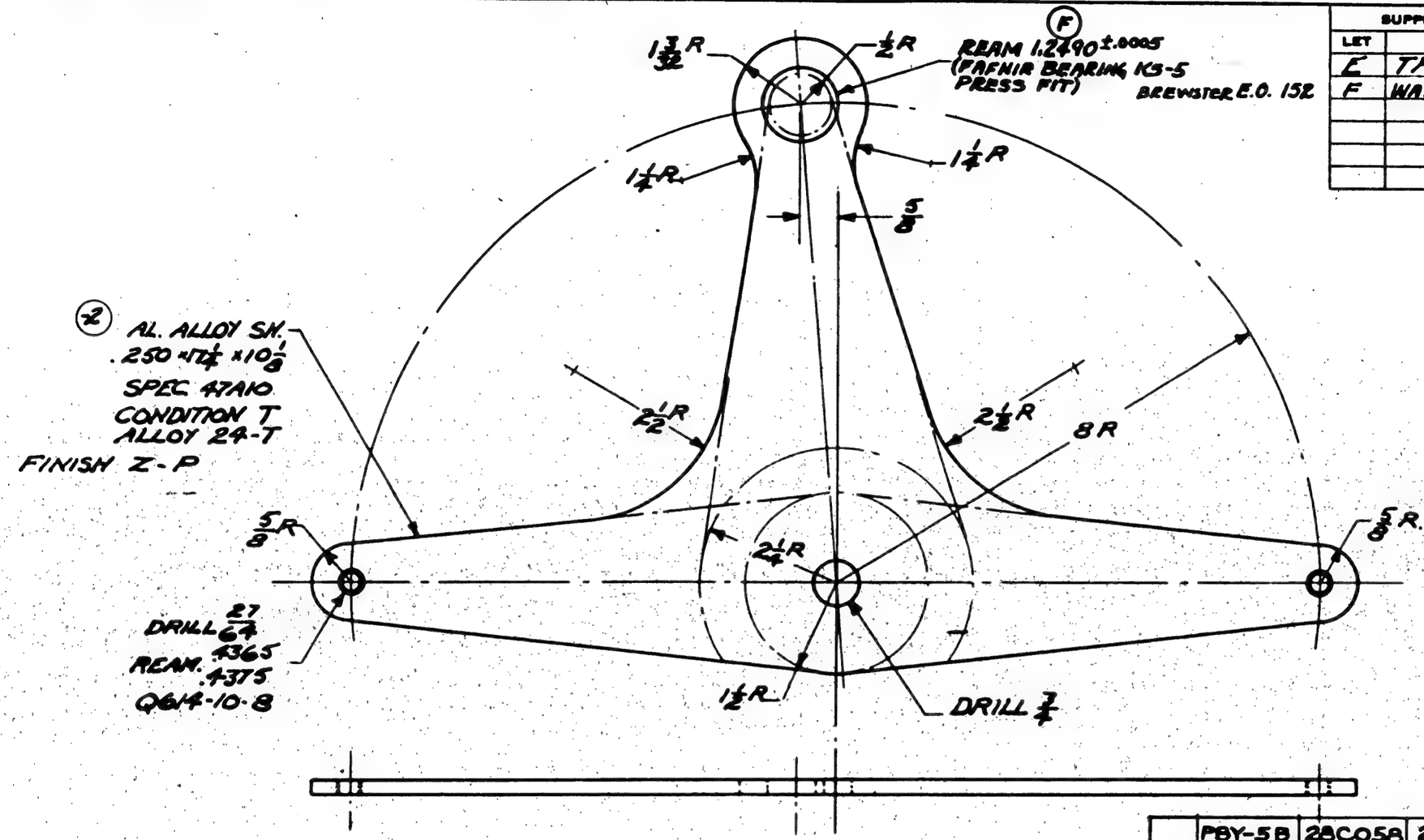
OPP. HAND

SIZE B

28C055

R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
E	TRACED	12-12-36	LDM
F	WAS 1 3/16 DIAM.	10-31-40	DOH



G.P.-GREEN PRIME

[redacted]

	PBY-5B	28C058	2										
	PBY-5A&5A	28C058	2 ea										
	PBY-4	28C058											
	PBY-3	28C058									Q614-10-8	2	
	PBY-2	28C058											
	PBY-1	28C058	-								28C057-2	1	-
	XPBY-1	28C058											
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −

[redacted]

APPROVED [redacted] 12-12-36 DATE

CALC. WT. [redacted] ACT. WT.

SCALE 6"=1'-0"

REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.			
AC			G.P.	[redacted]	H.P.	L
NAVY NOTED	NOTED	NONE	NOTED & [redacted]	5-4-39	12-17-36	[redacted]	R
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP FT. No. WHERE SHOWN

NAME BELL CRANK-CONTROL OUTER PANEL-AILERON

OPP. HAND

SIZE B

28C057

BULLARD-HOFFMANN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

28C058

DRILL $\frac{1}{8}$ 4 HOLES EQ. SPACED AN442-D4

B

$1\frac{11}{16}$

$\frac{1}{4}$

REAM 1.2493
1.2488

(H)

B

(3) FAFNIR BEARING KS-5 PRESS FIT

$10\frac{3}{8}$

AN442-D5 (7 PLACES)

45°

(J) -6 (L R)

Y-6ATTX9¾

$\frac{3}{4}$ (max) .040 BEVEL $\frac{3}{4}$ (min)

$9\frac{1}{2}$

(J) -7

Y-6ATTX10⅜

$\frac{3}{8}$

A

$1\frac{7}{8}$

$\frac{3}{4}$

$\frac{1}{4}$

$\frac{5}{8}$

28C057

$\frac{5}{8}$

A

DRILL $\frac{3}{16}$ 6 HOLES EQUALLY SPACED AN442D6

(4) FAFNIR BEARING KS6 PRESS FIT - STAKE IN-PLACE

STAKE IN PLACE

(2)

$2\frac{3}{16}$

$1\frac{3}{16}$

SECTION B B
SCALE 12"=1'-0"

(2) AL.ALLOY SH. .080 X $2\frac{3}{16}$ X $2\frac{3}{16}$
SPEC. 47A10-T ALLOY 24T
FIN.-ANODIZE-P-GP
SCALE 6"=1'-0"

SECTION A A
SCALE 12"=1'-0"

28C056

98200-16P26

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
E	TRACED	12-[illegible]	LDM.
F	CANCELLED BREWSTER E.O. # 196	12-12-[illegible]	[illegible]
G	CANCELLED BREWSTER E.O. # 288	12-12-40	OSGOOD
H	CANCELLED E.O. #318 ; [illegible] WAS 1.2481 1.2485	12-12-40	OSGOOD
J	ADDED -6L&R & -7. WT. 1.65 WAS 1.482	3-14-42	SMOOT
K	CHANGED RIVETS ATTACHING -6 L&R & -7 FROM AN442-D8 TO AN442-D5 ADDED AN442D5 & AN442D6 TO B/M 98200-16-26 WAS 98620-16-026	[illegible]	[illegible]

BREWSTER #288
" #331
" #318A

E.O. A29172
M.C.R. 308

FINISH CODE	
Z	[illegible] TREATMENT
P	P-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

	-7	2	A
	-6R	1	
28C058-4	-6L	1	
	-5		
28C057		1	
28C056		2	
28C058-4		2	
28C058-3		1	
28C058-2		2	

LH REQ.	RH REQ.	PART NO.	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS
		28-SAMN		28C023		2	
		28-SAMG		28C023		2	
		28-SMN		28C023		2	
		28-SMB		28C023		2	
		28-SMC		28C023		2	
		28-SMA		28C023		2	
		MODEL		NEXT ASSY.		REQ.	ST'D PARTS
		PBY-5B		28C023		2	
		PBY-5&5A		28C023		2 & A	
		PBY-4		28C023			
		PBY-3		28C023			AN442-D6
		PBY-2		28C023			AN442-D5
		PBY-1		28C023			98200-16-26
		XPB3Y-1		28C023			AN442D4

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

APPROVED [illegible] DATE 12-12-36

CALC.WT. 1.65 ACT.WT.

SCALE 6"=1'-0" NOTED

AC

NAVY NOTED

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

REQUIREMENTS PER AIRPLANE

NOTED | NONE

SPEC. | HEAT TREAT

MAT. | PARTS LIST PER ASSY.

NOTED & G.P.

FINISH

6-7-39 Stiles H.P. L

12-4-36 Miller PR

DRAFT | CHECK | EXAM. | ENG.

NAME BELL CRANK- CONTROL AILEERON- ASSEMBLY

OPP. HAND

SIZE B 28C058

BULLARD-DUNKBURN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
F	TRACED	12-15-36	LOW.

COAT THREADS WITH MIXTURE OF 50% PETROLATUM AND 50% ZINC DUST BY WEIGHT - BEFORE ASSEMBLING.

11/16 SPHERICAL RAD.

THREAD 7/8 × 14 NF - 3 P.D. .8286 +.0000 −.0036

DRILL 51/64
C'SINK 110° × 7/8
TAP 7/8 - 14 NF - 3
P.D. .8286 +.0036 −.0000

7/8 — 9/16 — 3/32 R

1 1/8 DIA.

1.030
1.031

DIA. BEFORE THREADING .875 +.0000 −.0098

(-3) PLUG
AL. ALLOY BAR
1 1/8 DIA. × 4 3/16
SPEC. 46A9 COND. T
FINISH Z-P

RELIEF BORE 57/64 DIA.

CHAMFER 45° × 1/16

CHAMFER 45° × 1/16

4 1/16

1 5/16

1 5/32

1 3/16

1

1/4 R

1/2

1/16 R

2 9/16

2 3/4

1/8

1 2/16

4 2/16

DRILL 27/64 — REAM .4365 / .4375
Q614-10-5

AN316-D4R

DRILL #52 (.063)
1 HOLE THRU-3 ONLY

CLEVIS (-2)
AL. ALLOY BAR
1 3/8 DIA × 5 1/8
SPEC. 46A9 COND. T
FINISH - Z - 1 [illegible] G.P.

G.P. GREEN PRIME FINISH CODE

	PBY5A	28C-064	2							
	PBY-4	28C064								
	PBY-3	28C064								
	PBY-2	28C024						Q614-10-5	2	
	PBY-1	28C024						28C063-3	1	
	XPBY-1	28C084		AN316-D4R	1			28C063-2	1	
	PBY-5B	28C034	2							
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.		LH REQ.	RH REQ.

REPLACES	12-14-36 APPROVED DATE	REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.		
REPLACED BY	.678 CALC. WT. / ACT. WT.						
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −	SCALE 12" = 1'-0"						
[redacted]	AC			G.P.	5-9-37	[illegible]	K.P.
	NAVY NOTED	NOTED	NONE	NOTED & [illegible]			
	MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME CLEVIS END - CONTROL AILERON OPERATING TUBE - ADJ.

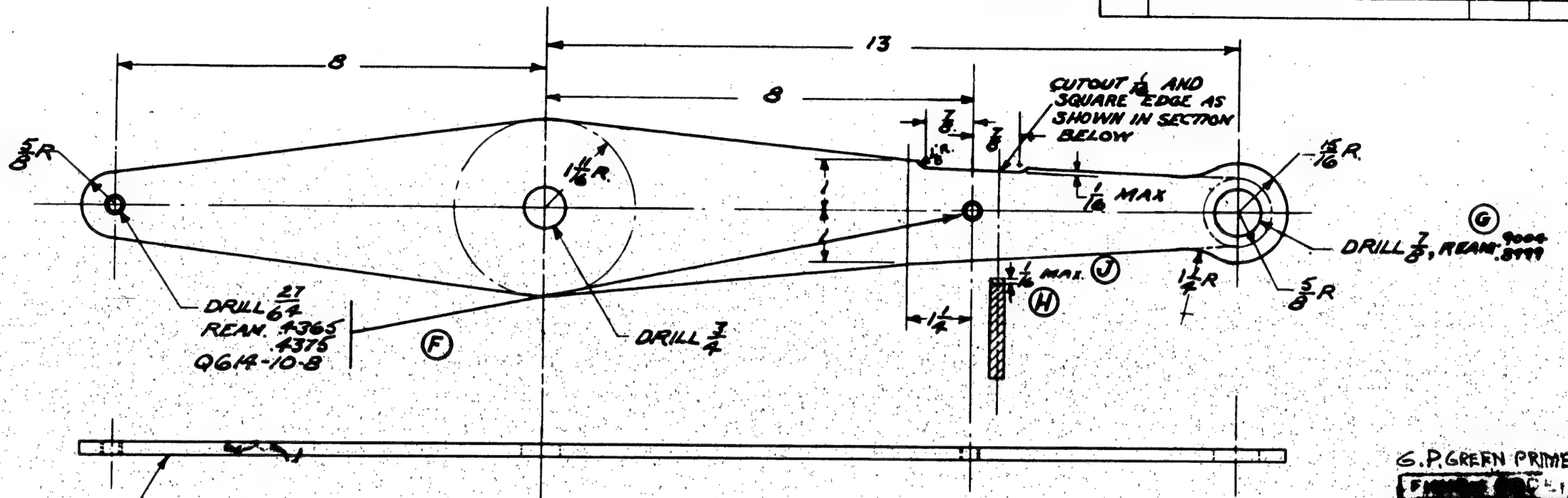
OPP. HAND

SIZE B DWG. 28C063

CONSOLIDATED AIRCRAFT CORP. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
E	TRACED	12-14-36	LDK
F	HOLE LACKED DIMENSIONS	10-31-40	DON
G	DID NOT SPECIFY REAMING	10-31-40	DON
H	WAS 1/8 RADIUS	11-13-40	DePORTER
J	1/16 MAX ADDED	12-12-40	[illegible]

E.O. 221
E.O. 226
E.O. 302
E.O. 304-A



G. P. GREEN PRIME

G NOTE: REAMING SHOULD BE DONE UPON FABRICATION, NOT IN FINAL ASSEMBLY.

	PBY-5B	28C065	2												
	PBY-5&5A	28C065	2												
	PBY-4	28C065													
	PBY-3	28C065													
	PBY-2	28C065													
	PBY-1	28C065													
	XP3Y-1	28C065													
												Q614-10-8	2		
												28C064-2	1		
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES								
REPLACED BY								
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±								
[redacted]								
[redacted] APPROVED 12-14-36 DATE								
1.131 CALC. WT.	ACT. WT.	SCALE 6" ≈ 1'-0"	REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.			
AC				G.P.	5-10-39	Stress	HP	
NAVY NOTED	NOTED	NONE	NOTED & [redacted]		12-17-36	[illegible]		
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME LEVER - CONTROL OUTER PANEL AILERON

OPP. HAND

DWG. SIZE B 28C064

BULLARD-SHERIDAN CO., INC. BUFFALO
REPRODUCE WITHOUT CLOTH

LET	ALTERATION	DATE	BY
C	TRACED	12-[illegible]	LDK
D	CANCELLED BREW. E.O. #188	[illegible]-12-40	Osgood
E	CANCELLED BREW. E.O. #267	∫	∫
F	CANCELLED BREW. E.O. #317		
	REAM .9007/.9002 WAS .9004/.8999		
G	ADDED 28C5081 & LOCATING DIMS		
	& AN442D. WT. INCREASED FROM		
	1.519 TO 1.756	5-[illegible]	[illegible]

LET	ALTERATION	DATE	BY
H	28C5081 (1) WAS 28C5081 (2) (NEG. WT. CHG)		

BREWSTER #267
BREWSTER #330
BREWSTER 317A

EO #A29160

SUPPLIES & EQUIPMENT CLASSIFICATION

FAFNIR BEARING KS-4 (-3)
PRESS FIT
STAKE IN PLACE

REAM .9007/.9002 (F)

SECTION B B
SCALE 12"=1'-0"

(-2) DCA AL. ALLOY SH.
7/8 I.D. x 1 3/8 O.D.
SPEC. 47A10
COND T. ALLOY-24T
FINISH-Z-1A[redacted]
G.P.

3 EQUAL SPACES

3 EQUAL SPACES

AN442-D (G)

28C5081 (G)

28C064

45°

B

B

Ø SYM. (REF)

DRILL 1/16
6 HOLES EQUALLY SPACED
AN442-D6 - 6 REQ'D

(-4) FAFNIR BEARING KC-8
PRESS FIT
STAKE IN PLACE

28C056

Q620-16-D26

DRILL 1/8
4 HOLES EQUALLY SPACED
AN425-D4 - 4 REQ'D
C.S. BOTH SIDES

SECTION A-A
SCALE 12"=1'-0"

	[illegible]	28C022	2 EA					28C5081	1	
	[illegible]	28C022	2 EA					Q620-16-D26	1	
	[illegible]	28C022	2 EA					28C064	1	
	PBY-5B	28C022	2					28C056	2	
	PBY-5&5A	28C022	2 EA					28C065-4	2	
	PBY-4	28C022						28C065-3	1	
	PBY-4	28C022						28C065-2	2	
	PBY-2	28C022		AN442D6	6					
	XPBY-1	28C022		AN425D4	4					
Q.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	±

APPROVED 12-14-36 DATE
CALC. WT. 1.756 (G) ACT. WT.
SCALE 6"=1'-0" NOTED

AC				SP		
NAVY NOTED	NOTED	NONE	NOTED & 2[illegible]	5-10-37 12-17-36		
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

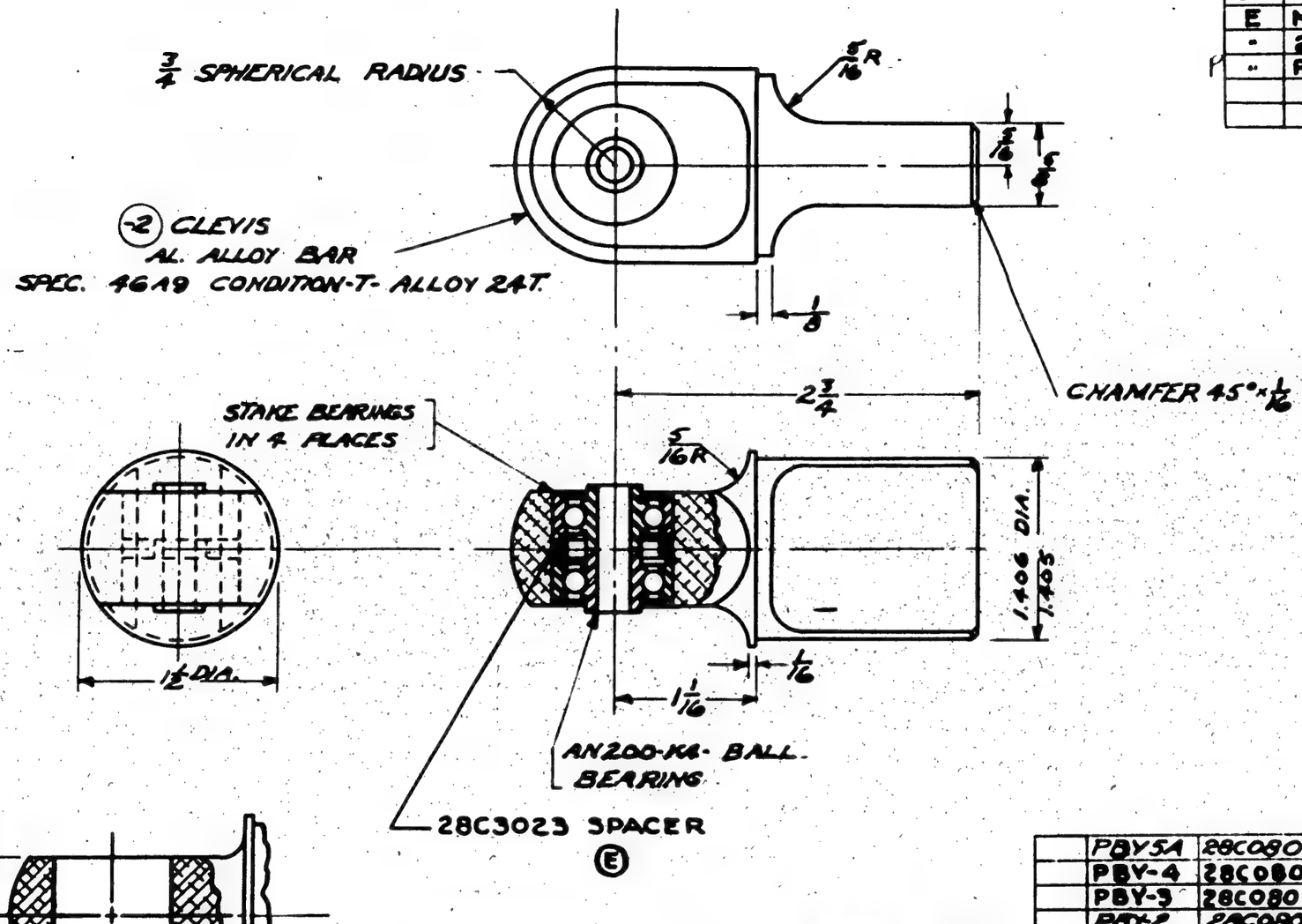
NAME
LEVER - CONTROL
ASSEM. OUTER PANEL AILERON

OPP. HAND

PART B SIZE 28C065

SULLIVAN-McGEOGHAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED	12-1-36	L.D.M.
E	MACHINING REVISED AND	1-17-38	WEIR
-	28C3023 ADDED	" "	"
"	FINISH WAS Z-1AKV	" "	"



GP-GREEN PRIME FINISH COAT

E

REPLACES													
REPLACED BY		PBY5A	28C080	1									
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −		PBY-4	28C080										
		PBY-3	28C080										
		PBY-2	28C080										
		PBY-1	28C080								28C3023	1	
		XPBY-1	28C080				AN200K4	2			-2	1	
		PBY-5B	28C080	1									
APPROVED 12-11-36 DATE		O.N.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS		REQ.		PART NO.		REQ.	
CALC.WT. .423 ACT.WT.		SCALE 12"=1'-0"		REQUIREMENTS PER AIRPLANE			MAT.		PARTS LIST PER ASSY.				
										5/17/34	Stier	HP	L
NAVY NOTED		NOTED		NONE		2-7-36 BEFORE 133X OF AN200-4				FABRIC	12-17-36		R
MATERIAL		SPEC.		HEAT TREAT		FINISH				DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME CLEVIS-ELEVATOR CONTROL - OPERATING TUBE

OPP. HAND

DWG. B SIZE 28C079

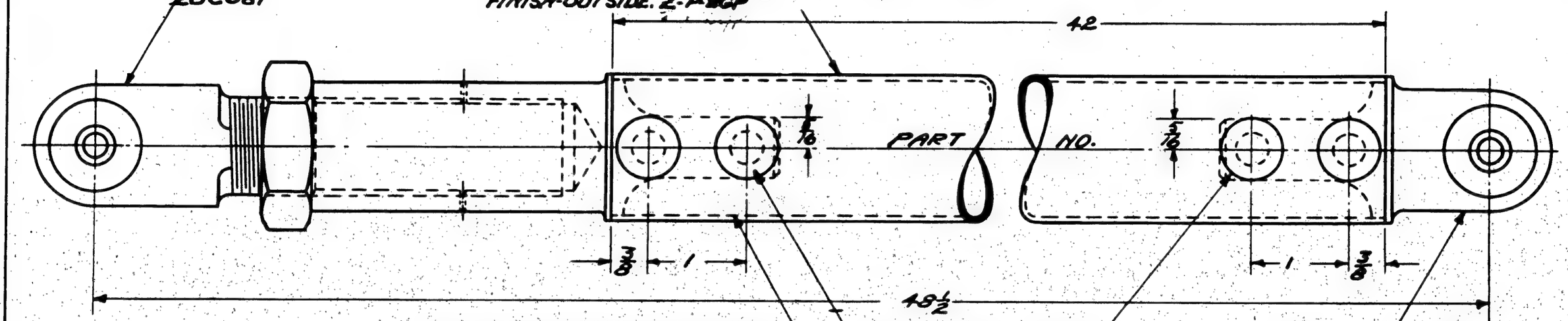
CONSOLIDATED-VULTEE AIRCRAFT CORP. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-10-36	L.A.M.
C	FINISH REVISED	1-25-38	WEAR
D	TOLERANCE ± .010 ADDED	10-31-40	CHILLO
E	ADDED "1 3/4 DEPTH" TO REAM NOTE	1-22-41	EDWARDSON

E.O. 26054 PAR-9

FINISH:
INSIDE - ANODIZE, 2 P27 PRIMER
OUTSIDE ANODIZE, P27 PRIMER & 2 GREEN PRIMER

(2) 1/2 O.D. × .058 AL. ALLOY TUBE
CONDITION-T. - ALLOY 24T
SPEC. 44T28 COND. T
FINISH-INSIDE: Z-2P
FINISH-OUTSIDE: Z-P GP ©



REAM - 1.406 +.0010 -.0005 BOTH ENDS OF TUBE FOR TUBE ENDS 1 3/4 DEPTH

Ø (.316) DRILL THRU ANA442-D10 RIVET

[redacted] GP-GREEN PRIME

C-88976-	PBY-5A	28C5664	1
	PBY-5B	28C5500	1
C-709964-77713-	PBY-5A	28C5700	1
	PBY-5	28C5000	
	PBY-4	28C2000	
	PBY-3	28C2000	
	PBY-2	28C2000	
	PBY-1	28C1000	
	XPBY-1	28C001	

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
							28C081	1	
							28C079	1	
	XPBY-1	28C001		ANA442-D10	4		-2	1	

REPLACES

REPLACED BY

(D) LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

[redacted]

[redacted] APPROVED 12-10-36 DATE

2.546 CALC. WT. ACT. WT.

SCALE 12" = 1'-0"

REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.			
AC				5-10-38	[illegible]	H.P.	I
NAVY NOTED	NOTED	NOTED	NOTED & 2 Act GP	FINISH	12-17-36		R
MATERIAL	SPEC.	HEAT TREAT	(E) FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME TUBE-ELEVATOR-CONTROL-OPERATING-ASSEMBLY

OPP. HAND

DWG. B SIZE 28C080

SULLIVAN-SCHOELLKOPF CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
E	TRACED	12-12-36	L.D.M.
F	MACHINING REVISED AND	1-17-38	WEB
	28C3023 ADDED IN -2.	" "	"
	FINISH WAS Z-1AKV	" "	"

(2) CLEVIS
AL. ALLOY BAR 24ST
SPEC. 46A9 COND. T

THREAD 1"x14 N.F.3
P.D. .9536 +.0000 -.0036
1. +.0000 -.0038 DIA.
BEFORE THDG.

.9274 DRILL
TAP 1"x14NF3
P.D. -.9536 +.0036 -.0000
C'SINK -110° x 1"

1/16 DRILL-BOTH SIDES

1 5/16 DIA.

1 1/2 DIA.

1.406 DIA.
1.405

A

A

1 1/4

3/4 SPHERICAL R.

1/8 R

1 1/4

1 9/16

1

CHAMFER 45° x 1/16

4 3/4

RELIEF BORE 1 1/4 DIA.

AN200-K4 BEARING

4 7/16

1 1/4

1/8 R

1 11/16

1/8

1/16

(3) PLUG
AL. ALLOY BAR 24ST
SPEC. 46A9. COND. T

.9004
.8994

(F)

27/64

27/32

(F)

28C3023
SPACER.

STAKE BEARINGS IN PLACE

SECT. A-A.

COAT THREADS WITH MIXTURE OF 50% PETROLATUM & 50% ZINK DUST BY WEIGHT - BEFORE ASSEMBLING.

AN316D16R - CHECK NUT
FINISH AS PER NOTE

3/8 R

2 3/16

2 11/16

G.P. GREEN PRIME

	PBY-5B	28C080	1							
	PBY5A	28C080	1							
	PBY-4	28C080								
	PBY-3	28C080								
	PBY-2	28C080						28C3023	1	
	PBY-1	28C080		AN200-K4	2			-3	1	
	XPBY-1	28C080		AN316D16R	1			-2	1	
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ.		PART NO.		REQ.	

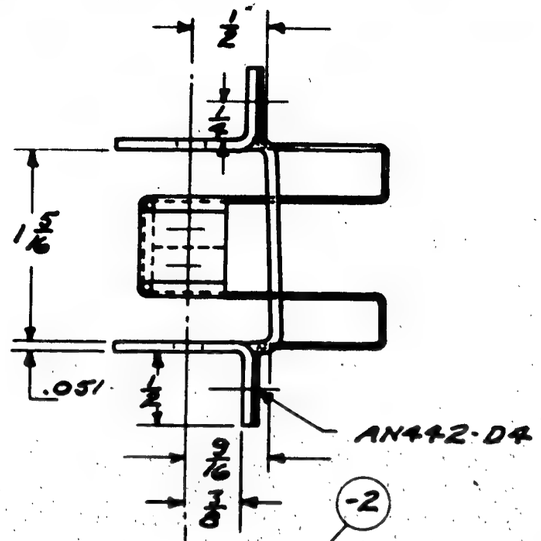
REPLACES							
REPLACED BY							
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±							
APPROVED [redacted] DATE 12-12-36							
CALC.WT. .978	ACT.WT.						
SCALE 12"=1'-0"	REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.			
C			G.P.	5/8 St. Stain	HP	E	
NAVY NOTED	NOTED	NONE	R.A. BEFORE INSST. OF AN200-4	PROTECT 12-17-36			
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

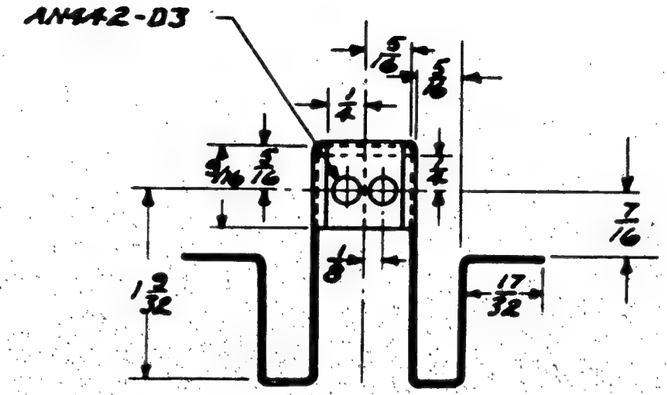
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

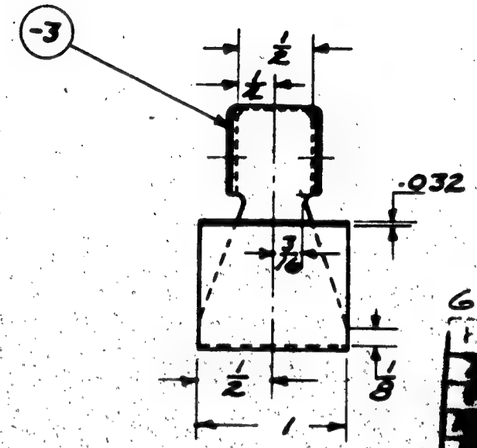
NAME
CLEVIS END-ELEVATOR CONTROL OPERATING TUBE-ADJUSTABLE

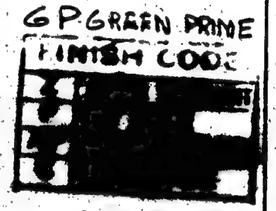
OPP. HAND
SIZE B
28C081

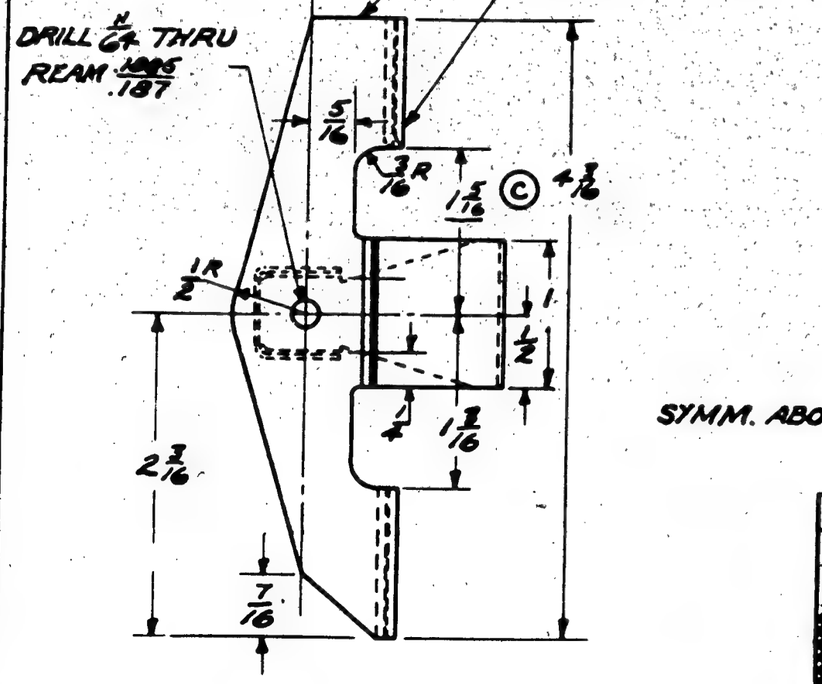
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-17-36	L.D.M.
C	1 5/16 WAS 1 1/8 NO WT CHG.	7/10/42	Dec

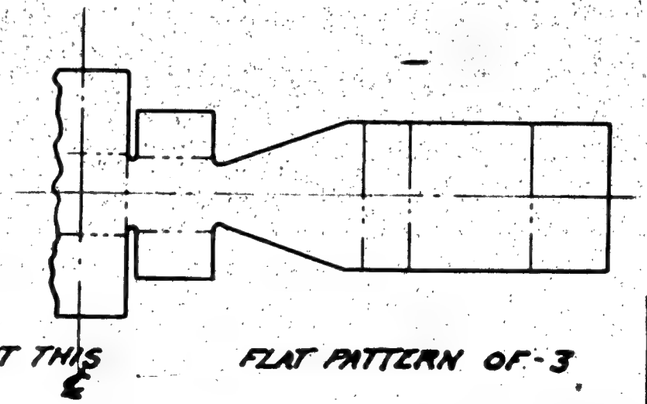












SYMM. ABOUT THIS ℄

FLAT PATTERN OF -3

(-2) RADII NOT GIVEN TO BE 1/16

(-3) RADII NOT GIVEN TO BE 1/32

	28-5AMN28C1085		1								
	PBY5A-820C1085		1								
	PBY-4528C1085		1								
	PBY-3	28C1085	1								
	PBY-2	28C1085	1								
	PBY-1	28C1085	1	AN442-04	4		-3	1			
	XP3Y-1	28C1085	1	AN442-03	4		-2	1			
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		

REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.				
		G.P.	6263	NP			
NOTED	NOTED	Z-P-2					
SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.	

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

APPROVED 12-17-36 DATE

.07 CALC. WT. ACT. WT.

SCALE 12"=1'-0"

AC

NAVY NOTED

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

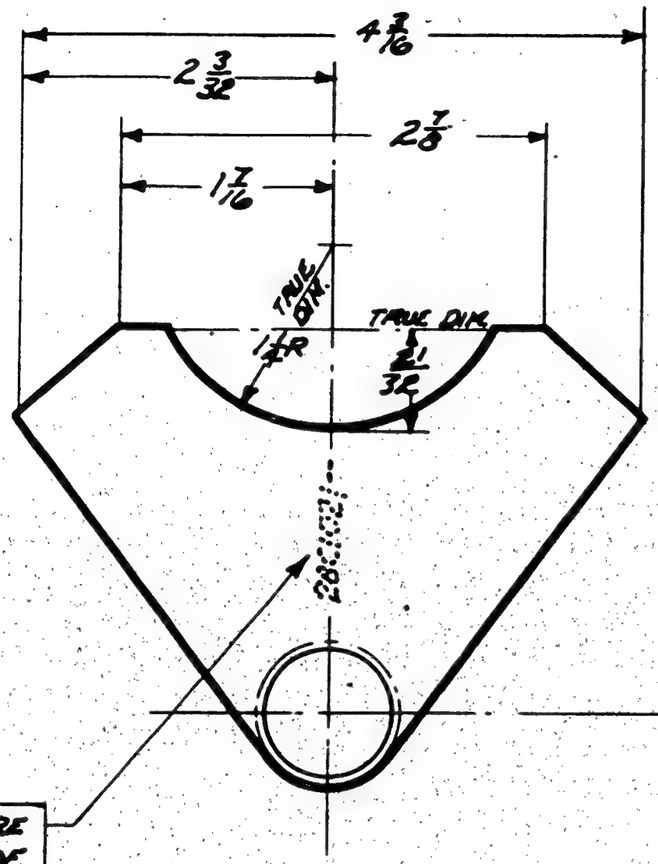
NAME BRACKET FLAP CONTROL-FRAME #66-PULLEY

OPP. HAND

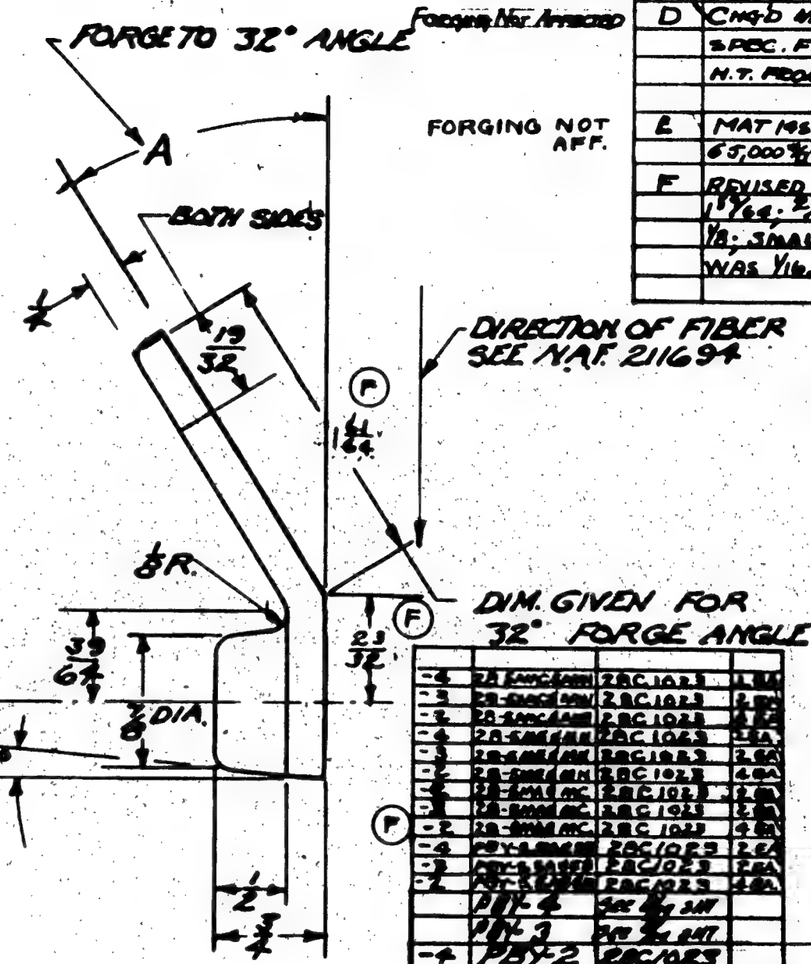
DWG. B SIZE 28C085

ALL AL. ALLOY SHEET SPEC. 47A10 (CONDITION A) ALLOY 24A EXCEPT AS NOTED
ALL AL. ALLOY EXTRUSIONS SPEC. (CONDITION A) ALLOY 24-A EXCEPT AS NOTED
HEAT TREAT ALL CONDITION A MATERIAL PER SPEC. SR53
RIVETS AL. ALLOY EXCEPT AS NOTED

SULLIVAN-SCHREIBER CO., INC. BUFFALO
IMPERIAL TRACING CLOTH



PLACE NUMBER HERE ON BOTTOM SIDE OF FLANGE. STAMP DASH NUMBER AFTER BEND OPERATION



PART Nº	ANGLE A
-2	25°
-3	60°
-4	32°

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	12-14-36	LDK
D	CHG'D MAT'L FROM NST TO AS1ST; SPEC. FROM 18-277 TO 4GAT-GR3; H.T. FROM 65,000 TO 64,000 PSI/10" Mr. CHG. MAG	5-27-42	COOK
E	MAT NST WAS AS1ST, GR 5 WAS GR 3.	7-3-42	STEARNS
	65,000 PSI WAS 64,000 PSI No WT CHG	7-3-42	SHERMAN
F	REVISED FORGING OUTLINE: 1 9/64 WAS 1 17/64, 2 3/32 WAS 2 1/16; REMOVED DIM. 1/8; SMALL UNMARKED RADII 1/8 WAS 1/16. NO WT. CHG.	9-4-42	CRAIN

NOTE:
ALL DRAFT ANGLES 7°
SMALL UNMARKED RADII 1/8. (F)
VENDOR TO BE BEND-2 & -3
TO ANGLES TABULATED

-4	[illegible]	28C1023											
-3	[illegible]	28C1023											
-2	[illegible]	28C1023											
-4	[illegible]	28C1023											
-3	[illegible]	28C1023											
-2	[illegible]	28C1023											
-4	[illegible]	28C1023											
-3	[illegible]	28C1023											
-2	[illegible]	28C1023											
-4	[illegible]	28C1023											
-3	[illegible]	28C1023											
-2	[illegible]	28C1023											
	PBY-4	[illegible]											
	PBY-3	[illegible]											
-4	PBY-2	28C1023											
-3	PBY-2	28C1023											
-2	PBY-2	28C1023											
-4	PBY-1	28C1023											
-3	PBY-1	28C1023											
-2	PBY-1	28C1023											

REPLACES	[redacted] 12-14-36 APPROVED DATE	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REPLACED BY	28C1021										
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64	CALC.WT. ACT.WT.	REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				
[redacted]	SCALE 12"=1'-0"										
	AC						CRAIN	Stein	Miller	L	
	NAVY AL. ALLOY (Forging)	4GAT-GR3 (AS1ST)	65,000 PSI/10"			NONE	12-18-35	12-4-36		R	
	MATERIAL	SPEC.	HEAT TREAT			FINISH	DRAFT	CHECK	EXAM.	ENG.	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN

NAME: BEARER-(FORGING) AILERON BELL CRANK-SUPPORT

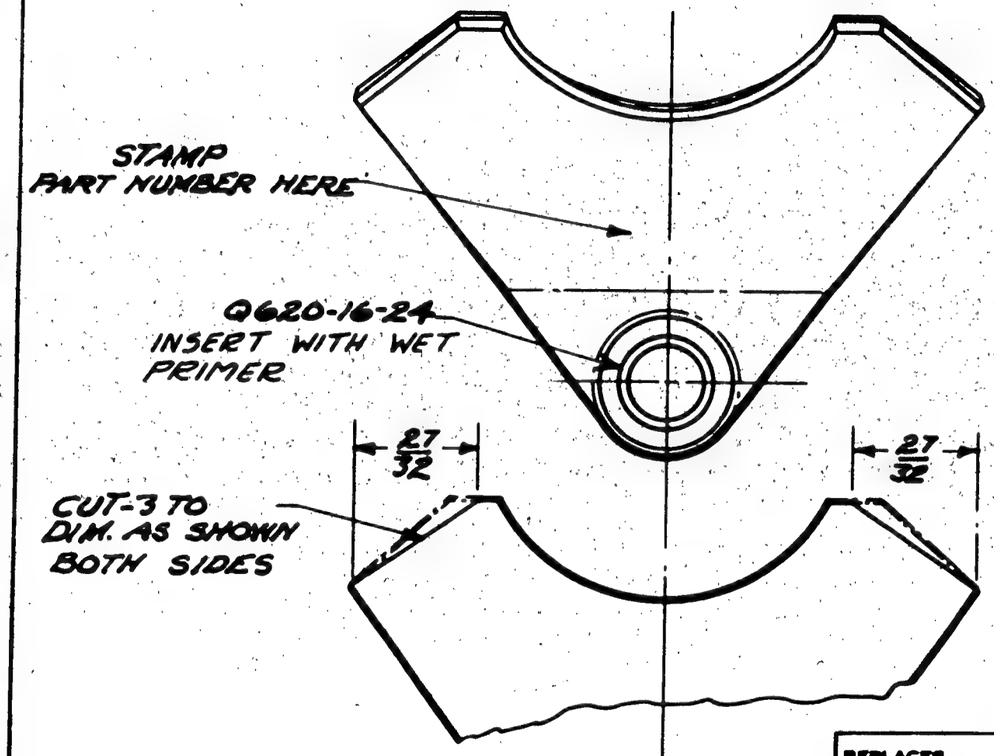
OPP. HAND

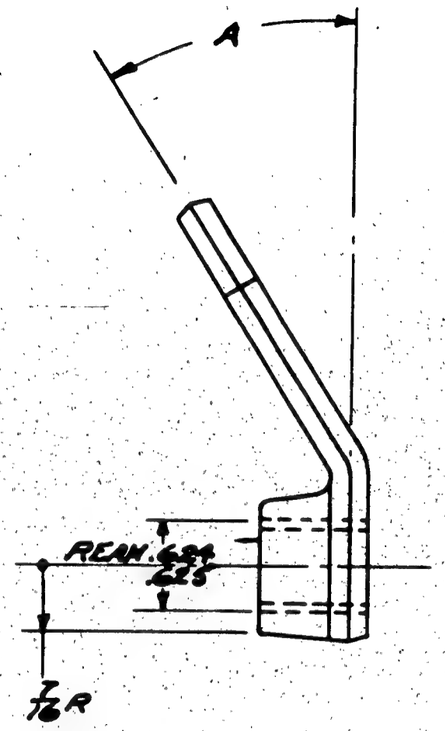
SIZE B

28C1021

BUFFALO-SPRINGFIELD CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-14-36	LDM





PART Nº	ANGLE A
-2	25°
-3	60°
-4	32°

-4	PBY-5A&B	28C023	2 EA	
-3	PBY-5A&B	28C022	2 EA	
-2	PBY-5A&B	28C023	2 EA	
-2	PBY-5A&B	28C022	2 EA	
	PBY-4	SEE B/M SHT	"	
	PBY-4	"	"	
-4	PBY-2	28C023		
-3	PBY-2	28C022		
-2	PBY-2	28C023		
-4	PBY-1	28C023		
-3	PBY-1	28C022		
-2	PBY-1	28C023		
-2	PBY-1	28C022		

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
							Q620-16-24	1	
							28C1021-4	1	
							28C1021-3	1	
							28C1021-2	1	

G.P GREEN PRIME
FINISH CC

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

[redacted] 12-14-36
APPROVED DATE

.21 EACH
CALC.WT. ACT.WT.

SCALE 12"=1'-0"

AC

NAVY NOTED

MATERIAL

[redacted]

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
	AS RECEIVED	Z-P-2 G.P.	12-10-36	12-17-36		L R

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME
BEARER - AILERON BELL CRANK SUPPORT

OPP. HAND

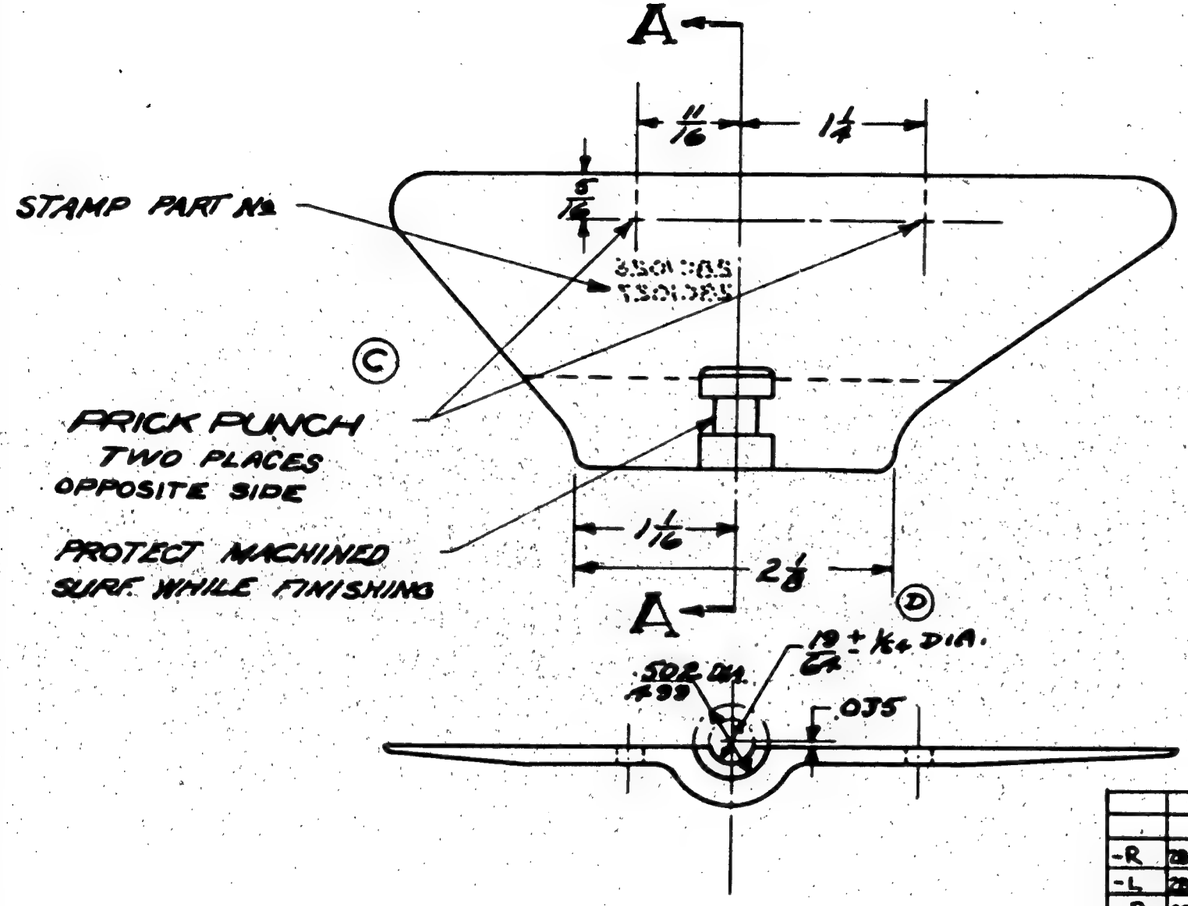
SIZE B

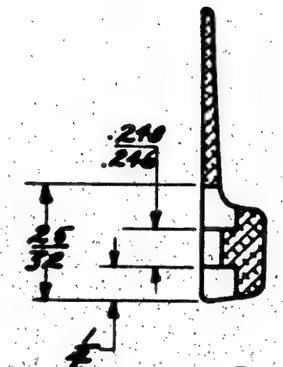
28C1023

BULLIVAN-SCHOEDSACK CO., INC. BUFFALO
MATERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-15-36	LHR
C	CHANGED TWO #10 DRILL HOLES TO PRICK PUNCH.	1-26-37	Bush
D	ADD ± 1/64 TO 7/64 AND 1/32 LIMIT ON GENERAL DIMENSIONS	7-28-37	[illegible]

W.O.





SECTION A-A

-R	28-5MA&MK	28C1030	1	-R	28-5MA&MK	28C1030	1									
-L	28-5MA&MK	28C1030	1	-L	28-5MA&MK	28C1030	1	6P GREEN PRIME FINISH Code [redacted]								
-R	28-5MB&MK	28C1030	1	-R	PBY-5&5B	28C1030	1									
-L	28-5MB&MK	28C1030	1	-L	PBY-5&5B	28C1030	1									
-R	28-5MA&MK	28C1030	1	-R	PBY5A	28C1030	1									
-L	28-5MA&MK	28C1030	1	-L	PBY5A	28C1030	1									
				-1	PBY-4	28C1030-1										
					PBY-4	28C1030										
-R	28-5MK&MK	28C1030	1	-1	PBY-3	28C1030-1										
-L	28-5MK&MK	28C1030	1		PBY-3	28C1030										
-R	28-5ME&MK	28C1030	1	-1	PBY-2	28C1030-1										
-L	28-5ME&MK	28C1030	1		PBY-2	28C1030										
				-1	PBY-1	28C1030-1								28C1026-1		1
					PBY-1	28C1030								28C1026	1	
												LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

-R	28-5MA&MK	28C1030	1	-R	28-5MA&MK	28C1030	1									
-L	28-5MA&MK	28C1030	1	-L	28-5MA&MK	28C1030	1	6P GREEN PRIME FINISH Code [redacted]								
-R	28-5MB&MK	28C1030	1	-R	PBY-5&5B	28C1030	1									
-L	28-5MB&MK	28C1030	1	-L	PBY-5&5B	28C1030	1									
-R	28-5MA&MK	28C1030	1	-R	PBY5A	28C1030	1									
-L	28-5MA&MK	28C1030	1	-L	PBY5A	28C1030	1									
				-1	PBY-4	28C1030-1										
					PBY-4	28C1030										
-R	28-5MK&MK	28C1030	1	-1	PBY-3	28C1030-1										
-L	28-5MK&MK	28C1030	1		PBY-3	28C1030										
-R	28-5ME&MK	28C1030	1	-1	PBY-2	28C1030-1										
-L	28-5ME&MK	28C1030	1		PBY-2	28C1030										
				-1	PBY-1	28C1030-1								28C1026-1		1
					PBY-1	28C1030								28C1026	1	
												LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 (D)

[redacted] 12-5-36 DATE

.08 CALC. WT. | ACT. WT.

SCALE 12" = 1'-0"

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS
	NONE	NONE		Z-[redacted] GP

REQUIREMENTS PER AIRPLANE			MAT.
NAVY NONE	NONE	NONE	Z-[redacted] GP
MATERIAL	SPEC.	HEAT TREAT	FINISH

PARTS LIST PER ASSY.			
DRAFT	CHECK	EXAM.	ENG.
10-23-36 Stinemetz			I
WEIR 12-17-36			R

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME BEARING -ELEVATOR CONTROL-BELL CRANK

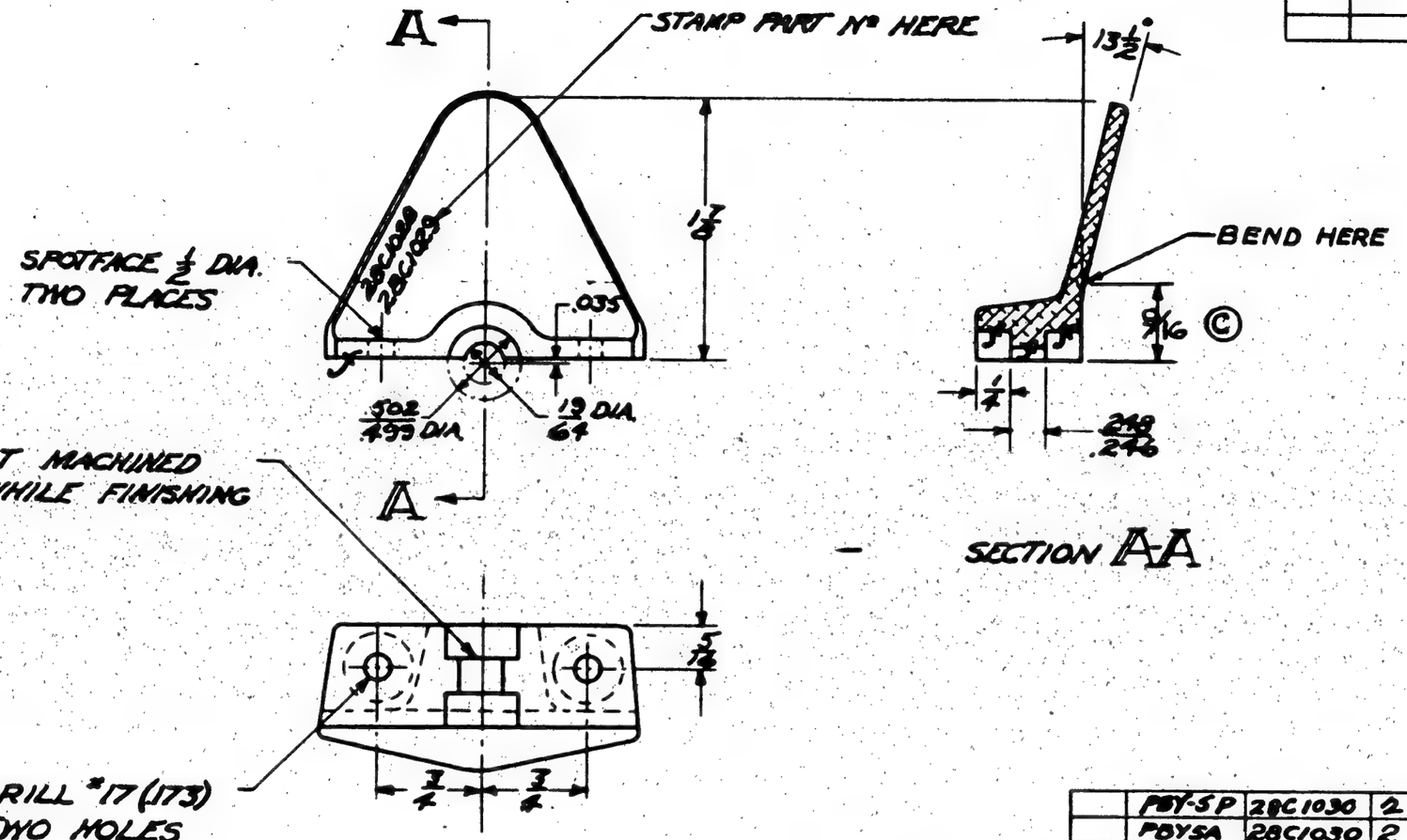
OPP. HAND 28C1027-1 R.H.

SIZE B

28C1027

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-15-36	LDM
C	MOVED POINT OF BEND TO 9/16	11-26-40	[redacted]

Ep.# 26852



SECTION A-A

G.P. GREEN PRIME

[redacted]

	PBY-5P	28C1030	2								
	PBY5A	28C1030	2								
	PBY-4	28C1030									
	PBY-3	28C1030									
	PBY-2	28C1030									
	PBY-1	28C1030							28C1028	1	
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.			LH REQ.	RH REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

[redacted] 12-15-36 DATE

CALC. WT. .06 ACT. WT.

SCALE 12" = 1'-0"

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC			G.P.	Wahlstrom Miller L
NAVY NONE	NONE	NONE	Z-P [redacted]	WEIR 12-16-36 R
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT / CHECK / EXAM. / ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

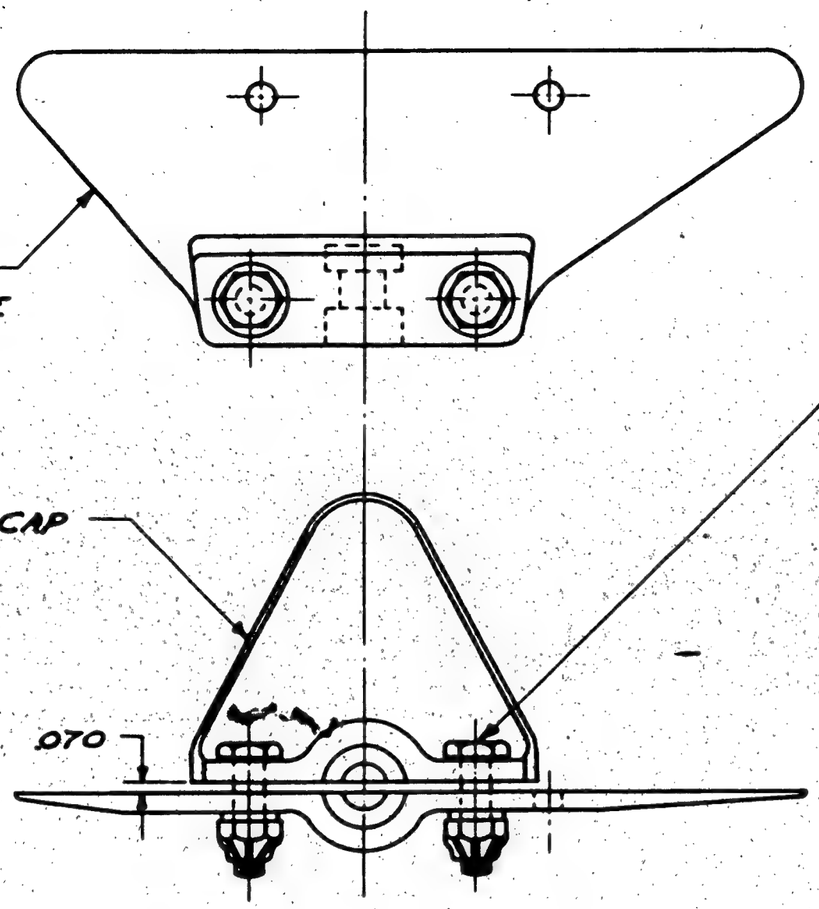
NAME: CAP-ELEVATOR CONTROL BELL CRANK-BEARING

OPP. HAND

SIZE B — 28C1029

CURTISS-WRIGHT CORP., AIR. DIV. BUFFALO
SPECIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-15-36	L.D.N.
B	ADDED ½2 LIMIT ON DIMENS.	1-21-41	TROLLESLAM



INSERT 28C077 SHAFT IN PLACE ON 28C1027. PLACE CAP 28C1029 IN CORRECT POSITION. THEN DRILL THRU WITH #17(.173) DRILL, USING CAP AS TEMPLATE. THEN LINE REAM THRU $\frac{.1915}{.190}$ DIA.
AN3-6.
AN960-10.
AN310-3.
AN380-B2-2.

SEE COLUMN AT LEFT											
R	PBY5A	28B1094	1								
L	PBY5A	28B1094	1								
-1	PBY-5	28B1094									
	PBY-5	28B1094									
-1	PBY-3	28B1094									
	PBY-3	28B1094									
-1	PBY-2	28B1094		AN960-10	2	2					
	PBY-2	28B1094		AN380-B2	2	2	28C1029	1	1		
-1	PBY-1	28B1094		AN310-3	2	2	28C1027-1		1		
	PBY-1	28B1094		AN3-6	2	2	28C1027	1			
					LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		

				REPLACES
				REPLACED BY
R	28-5MA&MC	28B1094	1	LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 (B)
L	28-5MA&MC	28B1094	1	
R	28-5ME&MN	28B1094	1	
L	28-5ME&MN	28B1094	1	
R	28-5MA&MC	28B1094	1	
L	28-5MA&MC	28B1094	1	
R	PBY-5B	28B1094	1	
L	PBY-5B	28B1094	1	
R	PBY-5	28B1094	1	
L	PBY-5	28B1094	1	

[redacted] APPROVED 12-15-36 DATE

.17 CALC. WT. ACT. WT.

SCALE 12"=1'-0"

AC

NAVY NOTED

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

O.H.	MODEL	NEXT ASSY.	REQ.	REQUIREMENTS PER AIRPLANE ST'D PARTS	MAT.
				NONE	NONE
				SPEC.	HEAT TREAT

PARTS LIST PER ASSY.				
				NONE
				FINISH
10-25-36	Stan Miller		L	
WEIR	12-16-36			R
DRAFT	CHECK	EXAM.	ENG.	

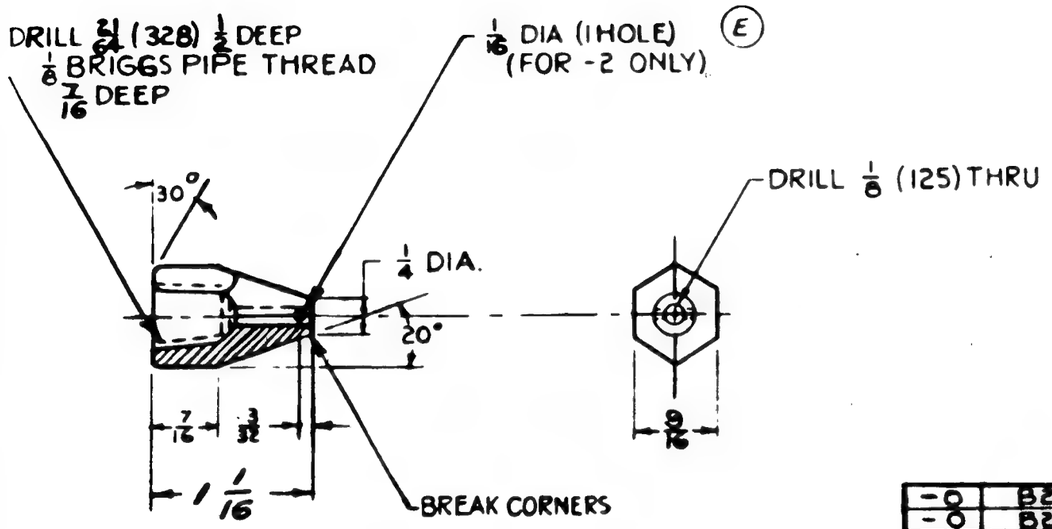
NAME BEARING ASS'Y-ELEVATOR CONTROL-BELL CRANK

APP. HAND 28C1030-1 R.H.

B 28C1030

CURTISS-WRIGHT CORP., AIR. DIV. BUFFALO, NIAGARA PLANT

LET	ALTERATION	DATE	BY
D	TRACED	5-27-43	MURILLO
E	ADDED 1/16 DIA. HOLE (1) FOR -2 ASSEM.	"	"
	WT. CHG NEG.	5-27-43	MURILLO
F	IN B.M. FOR -2, REMOVED "COND E-A" FROM SPEC. IN H.T. BLKS.		
	REPLACED "NONE" WITH "NOTED" ON FACE. ADDED NOTE "T.S. FOR MAT. FOR -2 TO BE 120,000 TO 145,000 #/□" (NO WT. CHG.)	6-15-43	KNIGHT



NOTE -
1. T.S. FOR -2 TO BE 120,000 TO 145,000 #/□"

ASSY DASH NO.	MODEL	NEXT ASSY	REQ.
-0	28-5AHC£AHN	28C1123	4
-0	28-5ME£MN	28C1123	4
-0	28-5MA£MC	28C1123	4
-0	PBY-5£5A£5B	28C1123	4
	XB24,B24	32B519	2
-2	B24D	32B1089	2
-2	B24E	32B1089	2
-0	B24C£LB30	32B1089	2
-0	B24D	32B1089	2
-0	B24D	32F3082	2
-0	B24C£LB30	32F3082	2
-0	PB2Y-3	29C1124	6
-0	B24C£D£LB30	32C3105	1
-0	28-5AHC£AHN	28C2036	2
-0	28-5ME£MN	28C2036	2
-0	28-5MA£MC	28C2036	2
-0	PBY-5£5A£5B	28C2036	2
-0	PBY-3£4	28C2036	
-0	PBY-2	28C2036	4
-0	PBY-1	28C1123	4
-0	XP3Y-1	28C123	

SPARES *1135 £ ON
*1 - *1134
*1 THRU *369
B24D *1 TO MCR 487-1

ASSY DASH NO.	MODEL	NEXT ASSY.	REQ.
-0	B24E	32C4303	2
-0	B24E	32C4302	2
-0	B24E	32C4301	2
-0	B24D	32C4303	2
-0	B24D	32C4302	2
-0	B24D	32C4301	2
-0	XB24£B24	32F290	2
-0	XB24£B24	32F211	2
-0	B24C£D£LB30	32F210	1
-0	B24C£D£LB30	32C3111	2
-0	XB-24£B24	32F210	1

MCR 487-1

B24D *1 TO MCR 487-1

REQUIREMENTS PER AIRPLANE

REPLACES 28C1050 1-16-36 CALC. WT.

REPLACED BY ACT. WT.

LIMIT OR TOLERANCE UNLESS OTHERWISE SPECIFIED ± .010

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-2	9/16 HEX. BRASS BAR		SAE 4130										
-0	9/16 HEX. BRASS BAR		ANSI QQ-S-624 ARMY-QQ-S-611 TYPE I NAVY 4182-HH.										
-3													
-4													
-8													

PARTS LIST PER ASSY.

AC NOTED	C	WEIR	
NAVY NOTED	C	1-16-36	
HEAT TREAT	FINISH	DRAFT	

CHECK	STRUCT.	MAT	APPROV.	ENG.
	10-29-36		MILLER	

NAME NUT CONTROL CABLE STOP

OPP. HAND NONE

DWG. B SIZE 28C1050

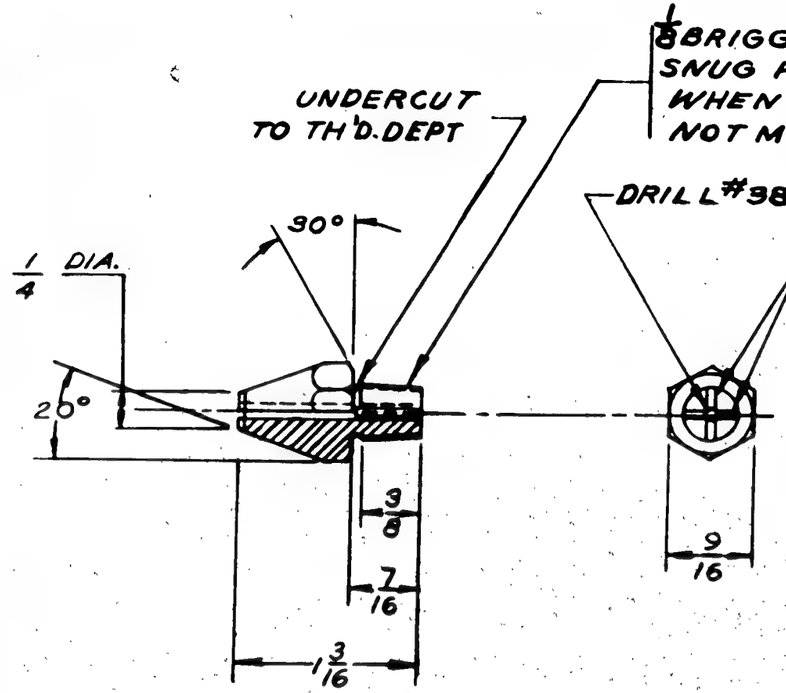
CONSOLIDATED VULTEE AIRCRAFT CORP. SAN DIEGO DIVISION . . SAN DIEGO, CALIF.

28C1050

R

LET	ALTERATION	DATE	BY
F	TRACED NO. WT. CHG.	[illegible]	[illegible]

28C1051



*7-MCR 487-1		B24D	32C3109	2
*1-MCR 487-1		B24D	32C210	2
*1-1134		B24D	32B10889	2
*7-369		B24D	32F3082	2
	-2	B24C-LB30	32B10889	2 EA
		B24C-LA30	32F3082	2 EA
		A24C-LA30	32A10889	2 EA
		B24C-LA30	32C3109	2 EA
		B24C-LA30	32C3111	2 EA
		B24C-LA30	32C210	2 EA
		XB24A24-A	32E290	2 EA
		XB24, B24A	32C811	4 EA
		XB24, B24-A	32C210	2
		PB2Y-3	28C1123	6
		PBY-5-5A-5B	28C1123	4 EA
		PBY-5-5A-5B	28C2036	2 EA
		28C'S	28C2036	2 EA
		29C'S	28C1123	3 EA
		PBY-2-3-4	28C2096	4 EA
		PBY-1	28C1123	4
		XP3Y-1	28C1123	

ASSY. BASIC NO.	MODEL	NEXT ASSY.	REQ'D

REQUIREMENTS PER AIRPLANE

		28BAMC(AMN	28C2036	2 EA
		28BAMC(AMN	28C1123	4 EA
		B24D	32C4301	2
		B24D	32C4302	2
		B24D	32C4303	2
		B24E	32C4303	2
	-2	B24E	32B10889	2
		B24E	32C4301	2
		B24E	32C4302	2
	-2	A24D	32B10889	2
		A24D	32C3111	2

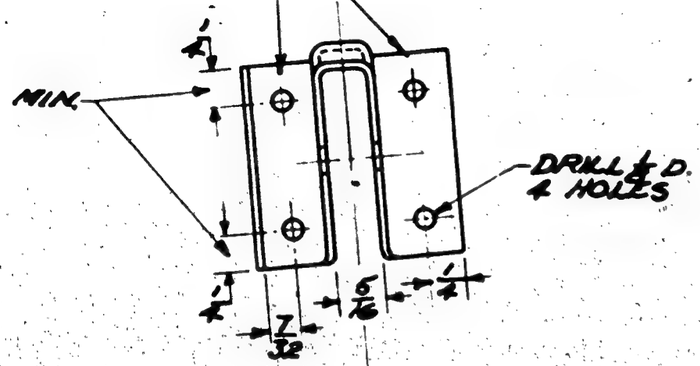
*MCR 487-1 ON
MCR 487-1 ON
MCR 487-1 ON
#1135 ON
*1-MCR 487-1

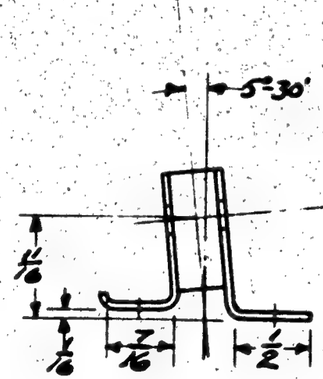
ASSY. BASIC NO.	MODEL	NEXT ASSY.	REQ'D

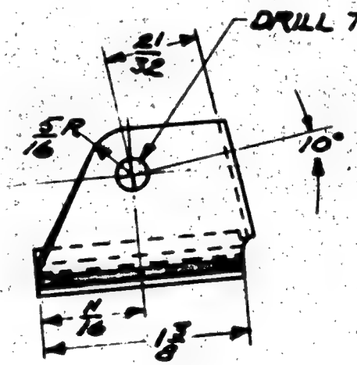
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-16-36	L.D.M.
B	PRICK PUNCH WAS DRILL	1-13-38	R.R.H.

Ca° 4329

NOTE:-
ON SHIPS "1 TO "7 INCL., HOLES IN THIS FLANGE TO BE OMITTED & DRILLED ON INSTALLATION. (PRICK PUNCH)
(B)







NOTE: ALL BEND RADII 3/64

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE
GP	GREEN PRIME

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

[redacted] APPROVED 12-16-36 DATE

.02 CALC. WT. ACT. WT.

SCALE 12"=1'-0"

AC

NAVY 52S AL. ALLOY SHEET

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28C1013	3						
	PBY-5A5A	28C1018	3						
	PBY-1	28C1013	3						

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

43W10 CONRA (DRESS) | SR-53 COND. T | Z-P-2-GP | GP

SPEC. | HEAT TREAT | FINISH | DRAFT | CHECK | EXAM. | ENG.

5-27-36 Stiles Co
LATER 12-17-36 Miller R

NAME
PULLEY HOUSING
GYRO PILOT-FOLLOW UP CABLES-BND #3

OPP. HAND

DWG. B 28C1054

BULLARD-HOFFMAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
F	TRACED	1-18-37	R.A.
G	PRICK PUNCH WAS DRILL #30	1-13-38	[illegible]
H	ON FACE OF DWG 3/64 DIM. WAS 3/32. WT. CHG. NEG.	6-18-45	[illegible]
J	REMOVED DIM. 3 1/32. ADDED DIM 1/4. NO WT. CHG.	10-22-45	[illegible]

C.O. 432 op

(H)

3 3/8 — 5° — 3/64 — 3/16 — 13/16 — 13/16 — 13/16 — 3/8 — 1/4 — 1/16 R — 45°

PRICK PUNCH

.040 ALALLOY 47A10 COND "A" H.T. SR-53-COND "T"

(5)

3 — 1/16 R. — 5/16 — 3/8 — 1/2 R — JOGGLE 1/16 — 3 5/8

(J)

PRICK PUNCH

(6)

(J)

1/4 — 1/2 R — PRICK PUNCH ON REAR SIDE & PLACES

PRICK PUNCH

(6)

5° — 3/64 — 3 1/4 — 3/16 — 3/4 — 3/4 — 3/4 — 5/8 — 1/4 R — 45°

G.P. GREEN PRIME FINISH CODE

PRICK PUNCH ON REAR SIDE & PLACES

1/4 — 3/16 — 1/2 R — 2 9/16 — 5/16 — 3/8 — 13/16 — 1 13/16 — JOGGLE 1/16 — 1/4 — 1/2 — 3/4 — ACT 9/32 — 2/64 R. — 1/2 — ACT. — 3 3/8

.040 AL. ALLOY SH. 47A10 COND. "A" H.T. SR53-COND.T.

(3)

-5	PBY-4	28C1013										
-3	PBY-4	28C1013										
-5	PBY-3	28C1013										
-3	PBY-3	28C1013										
-5	PBY-2	28C1013	1									
-3	PBY-2	28C1013	1									
-5	PBY-1	28C1013	1							-5		
-3	PBY-1	28C1013	1							-3		
O.H.	MODEL	NEXT ASSY.	REQ.	*ST'D PARTS	LH REQ.	RH REQ.	PART NO.			LH REQ.	RH REQ.	

-5	28-5	28C1013	1
-5	28-5	28C1013	1
-3	28-5	28C1013	1
-3	28-5	28C1013	1
-5	PBY-5	28C1013	1
-3	PBY-5	28C1013	1
-5	PBY-5B	28C1013	1
-3	PBY-5B	28C1013	1
-5	PBY5A	28C1013	1
-3	PBY5A	28C1013	1
O.H.	MODEL	NEXT ASSY	REQ.

REPLACES

REPLACED BY

[redacted] 1-18-37 APPROVED DATE

CALC. WT. ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY NOTED

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.				
NOTED	NOTED	G.P.	11-5-37		C.W.	
NOTED	NOTED	Z-P-24	SCHUTTAG		MILLER	R.D.
SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

NAME

GUSSET REINFORCEMENT BULKHEAD #3

OPP. HAND

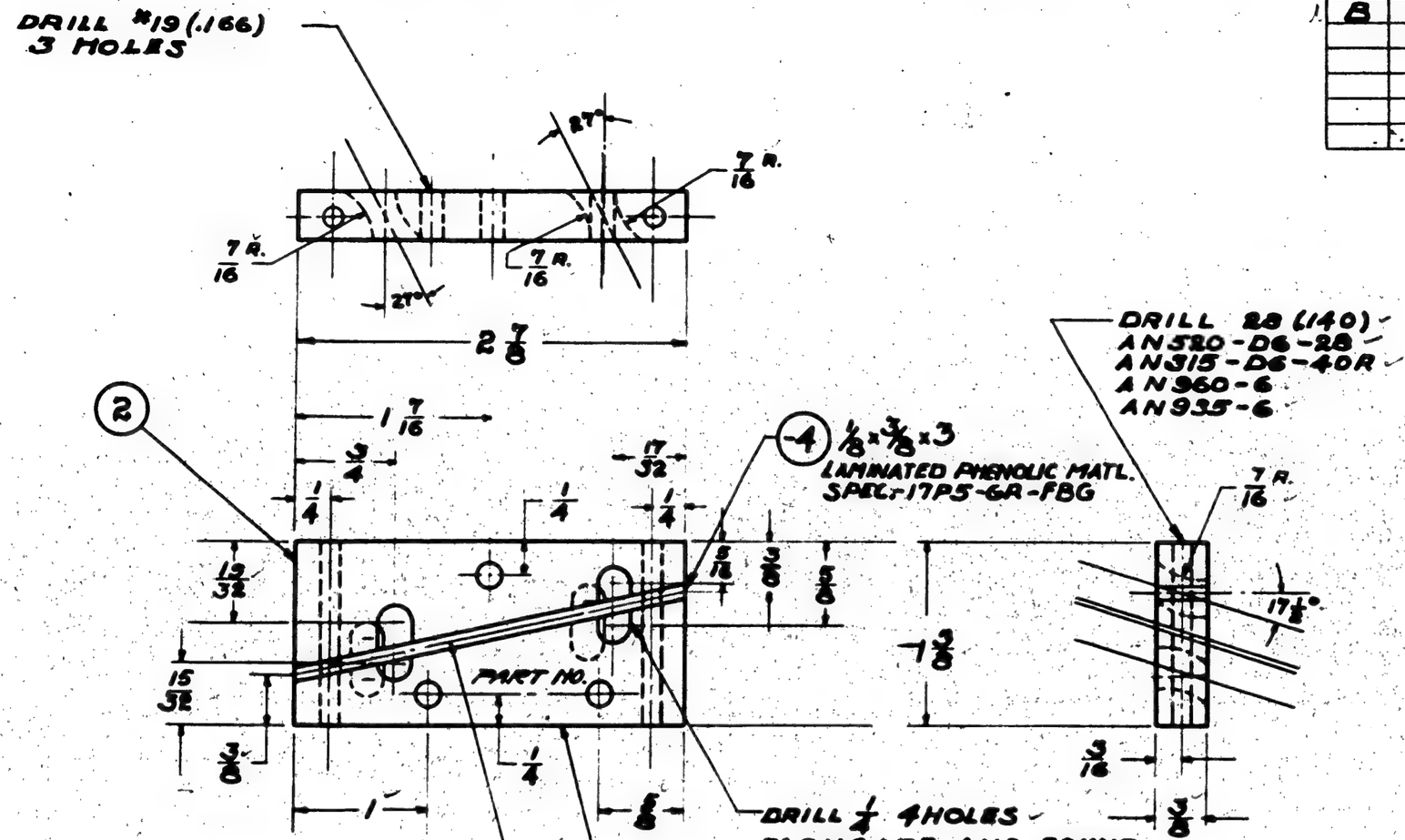
SIZE B

28C1055

28C1055

SULLIVAN-SCHOEBAUM CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	8-3-37	R.A.



NOTE:-
DIMENSIONS GIVEN ARE TO BE HELD AFTER SAW CUTTING

(2) (3) PHENOLIC MAT'L LAMINATED SPEC. - 17P5-TYPE FBG

	PBY-5B	28C6014	1							
	PBY-4	28C1015		AN935-6	2					
	PBY-3	28C1015		AN960-6	2			-4	1	
	PBY-2	28C1015		AN315-D6-40R	2			-3	1	
	PBY-1	28C1015	L	AN520-D6-28	2			-2	1	
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.		LH REQ.	RH REQ.

REPLACES							
REPLACED BY							
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32							
APPROVED 1-8-37 DATE							
.10 SQ.M.A. CALC.WT. ACT.WT.							
SCALE 12" = 1'-0"	REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.		
AC					Weir	Stier Co	
NAVY NOTED	NOTED	NONE		NONE	4-28-36	1-12-37	
MATERIAL	SPEC.	HEAT TREAT		FINISH	DRAFT	CHECK	EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

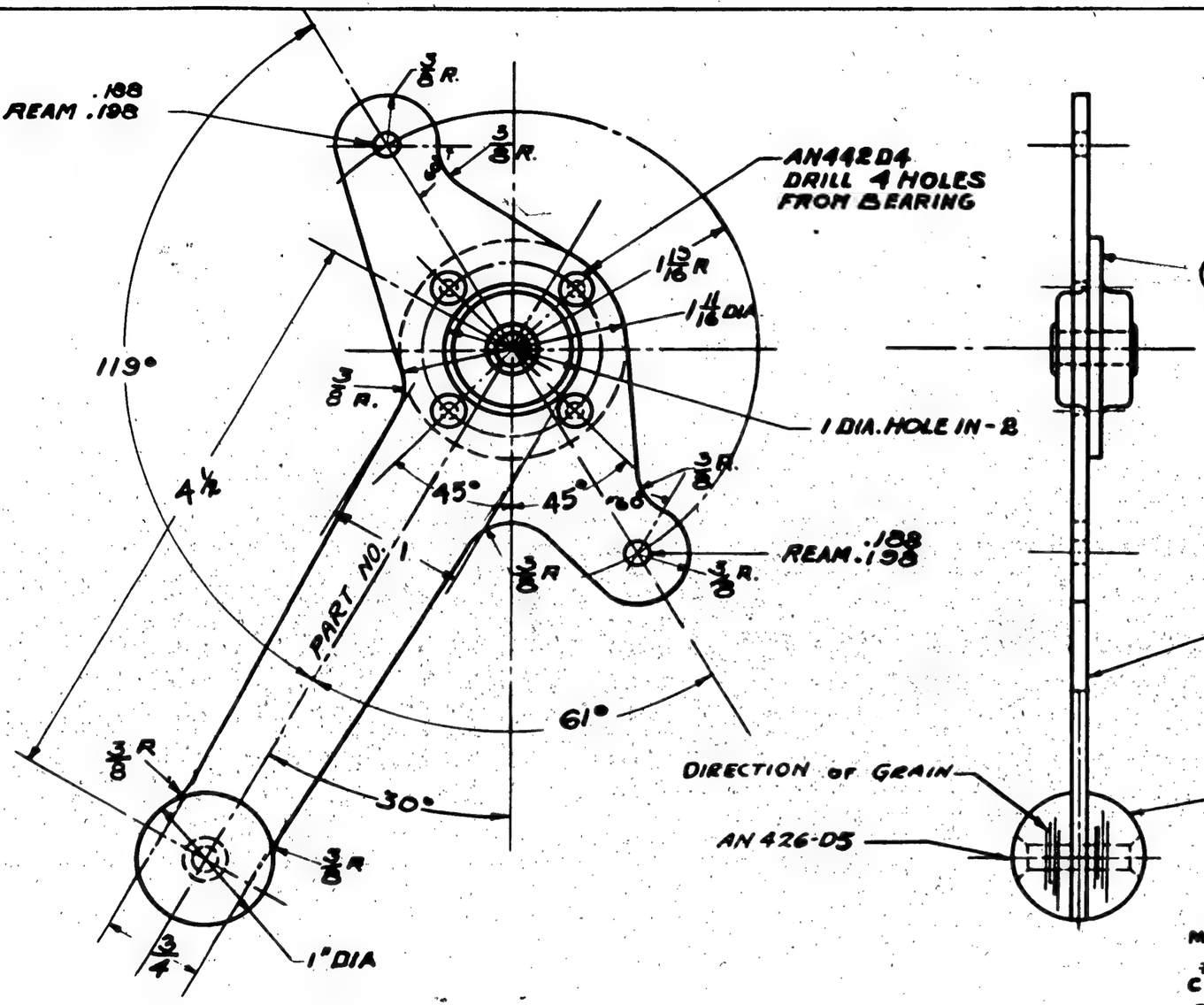
NAME FAIRLEAD - FLAP CONTROL CABLES - BLK HD #5.00

OPP. HAND

SIZE B

28C1059

SULLIVAN-SCHEIBERAS CO., INC. BUFFALO
IMPERIAL TRACING CLOTH



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-9-37	N.A.
B	REMOVED REQ. OF -3 ON		
	28F2242	7-20-37	NBY.
C	ADDED ARMY SPEC & REQ/AIRPLANE	7-7-39	NORTH
	ON -3		
D	ADDED REQMTS FOR B24C & D ASSY		
	ADDED NOTE DIRECTION OF GRAIN	6-26-41	HICKS
E	REMOVED -FROM REQ. PER AIRPLANE		
	BLOCK -3 FOR B-24 D & C N.A.		
	32F249 (2) EA. -3 FOR B-24 A,		
	B-24 & XB24 N.A. 32F249(4) EA.	1-11-43	ELLINGER
F	REVISED. REQ/AIRPLANE BLK.		
	NO WT CHG	2-12-42	WHITE
G	IN REQ/AIRPLANE BLK. 29F720F		
	WAS 29F7200. NO WT. CHG.	6-12-43	CARTER

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE
GP	GREEN PRIMER

NOTE-FINISH-2-Z-P-2 DULL BLACK ENAMEL

							U.S.C.G.		28C6001	
							28-5AA-AMC		28C5500	AS REQ'D
-3	PB2Y-3	29F7205	1				28-5AN-AMC		28C5750	AS REQ'D
-3	PB2Y-3	32F249	2							
-3	B24C	32B533	2							
-3	B24D, LB-30	32B533	2							
	PBY-5B	28C5500	1							
	PBY-5	28C5086	1							
	PBY-5A	28C5584	1					28C1060-4	1	
	PBY-1	28C1000	1	AN442D4	4			" " -3	1	
	XPBY-1	28C001	1	AN426D5	1			28C1060-2	1	
					LH REQ	RH REQ	PART NO		LH REQ	RH REQ

MCR# 234-1
C01876
C-80476

REPLACES	MAN APPROVED	1-9-37	DATE
REPLACED BY	.17 CALC WT.	ACT WT.	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12" = 1'-0"		
	AC		
	NAVY NOTED	MATERIAL	

REQUIREMENTS PER AIRPLANE			MAT
NOTED	NOTED	NOTED	
SPEC.	HEAT TREAT	FINISH	

PARTS LIST PER ASSY

	5-13-36	Lair	Miller K	
ASSEMBLING	1-12-37	GW	K	
DRAFT	CHECK	EXAM	ENG.	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME
HANDLE-GYRO PILOT SERVO CONTROL

OPP. HAND

DWG. B SIZE

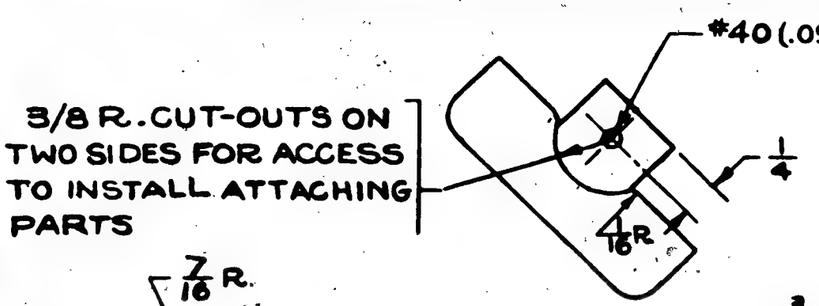
28C1060

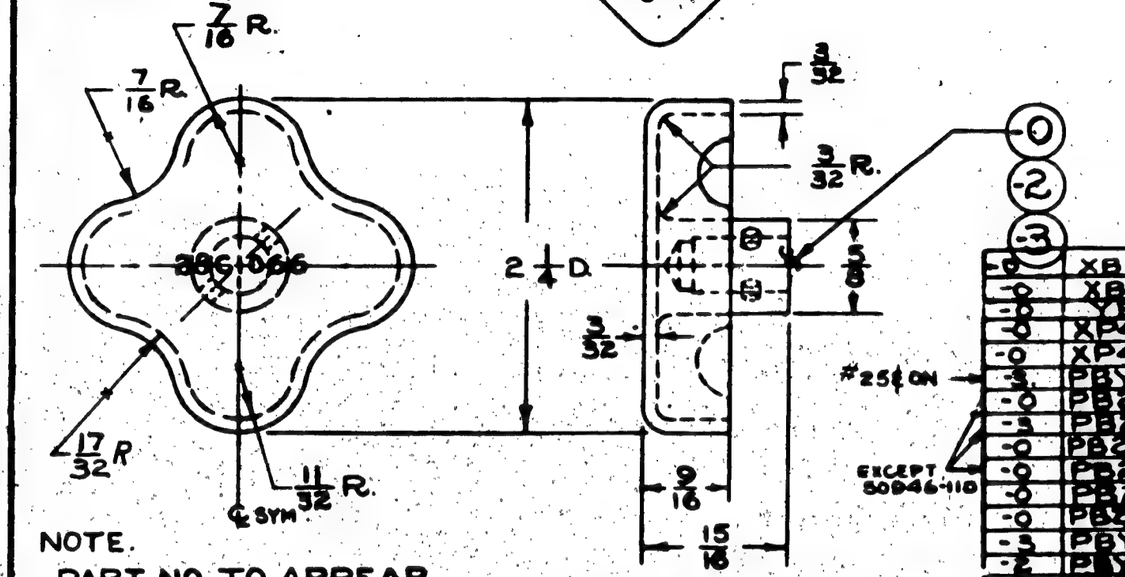
R

28C1060

LET	ALTERATION	DATE	BY
Q T	REDRAWN & REVISED.	1-21-43	BRUNER

28C1066





NOTE.
PART NO. TO APPEAR BELOW FOUNDRY MARKING.

DASH NO.	DRILL	DEPTH	REAM	DEPTH
-0	23/64	11/16	.3760 .3745	5/8
-2	19/64	11/16	.3135 .3120	5/8
-3	27/64	11/16	.4370 .4385	5/8

MATERIAL NOTE:
1-AL. ALLOY 195T4, SPEC. AN-QQ-A-390 CL. I. H.T. 29,000 P.S.I. OR
2-AL. ALLOY S-195T6, SPEC. AN-A-5 CL. II. H.T. 32,000 P.S.I.

ASSY DASH NO.	MODEL	NEXT ASSY	REQ.
-0	XB-32	32F2010	4
-0	XB-32	33P2000	2
-0	XB-32	33P2000	2
-0	XP4Y-1	33P2000	1
-0	XP4Y-1	31A090	8
-3	PBY-5	28A1009	1
-0	PB2Y-5	29F4502	1
-3	PB2Y-5	29F4501	4
-0	PB2Y-5 (-3)	29B4578	1 EA.
-0	PB2Y-5	29F1822	1
-0	PB2Y-5	29F1822	1
-0	PB2Y-5 (-3)	32F0110	4 EA.
-3	PBY-5	28C2010	1
-3	PBY-5 (-3)	28B5135	1 EA.
-0	XP3Y-1	28F1200	1
-0	XP3Y-1	28F1171	1
-0	XP3Y-1	28C1070	1
-0	PBY-5 (-2)	28P1222	1 EA.
-2	PBY-5 (-2)	28F1200	1 EA.
-0	PBY-5 (-2)	28C1070	1 EA.

ASSY DASH NO.	MODEL	NEXT ASSY	REQ.
-0	28-5MN-5AMN	28C1070	1 EA.
-0	28-5MN-5AMN	28B5145	2 EA.
-0	28-5MN-5AMN	28B5145	1 EA.
-0	28-5MC-5AMC	28P1222	2 EA.
-0	28-5MC-5AMC	28F1171	1 EA.
-3	28-5MC-5AMC	28C2030	1 EA.
-0	28-5MC-5AMC	28C1070	1 EA.
-0	28-5MC-5AMC	28B5149	2 EA.
-0	28-5MC-5AMC	28B5145	1 EA.
-0	28-5MA-5ME	28P1222	2 EA.
-0	28-5MA-5ME	28F1171	1 EA.
-3	28-5MA-5ME	28C2030	1 EA.
-0	28-5MA-5ME	28C1070	1 EA.
-0	28-5MA-5ME	28B5149	2 EA.
-0	28-5MA-5ME	28B5145	1 EA.
-0	PBY-5	28P1222	2
-3	PBY-5A	28A1009	1
-2	PBY-5-5A	28F1200	1 EA.
-0	PBY-5-5A-3	28F1171	1 EA.
-3	PBY-5-5A-5B	28C2030	1 EA.
-0	PBY-5-5A-5B	28C1070	1 EA.
-0	PBY-5-5A-5B	28B5149	2 EA.
-0	PBY-5-5A-5B	28B5145	1 EA.

ASSY DASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES 28C1066 — 12-23-35	.09 CALC. WT.
REPLACED BY	ACT. WT.
SCALE 12"=1'-0"	
STAMP PART NUMBER WHERE SHOWN	

PART NO.	CASTING STOCK	NOTED MATERIAL	NOTED SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC NOTED	C.A.C. ZF-32-001	WEIR	J.P.S.	GREEN				
NAVY NOTED	Z-P-2 DULL BLACK ENAM	12-23-35	10-29-36	32-36				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG	

NAME HANDWHEEL-FLAP CONTROL-GEAR BOX-RUDDER

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.

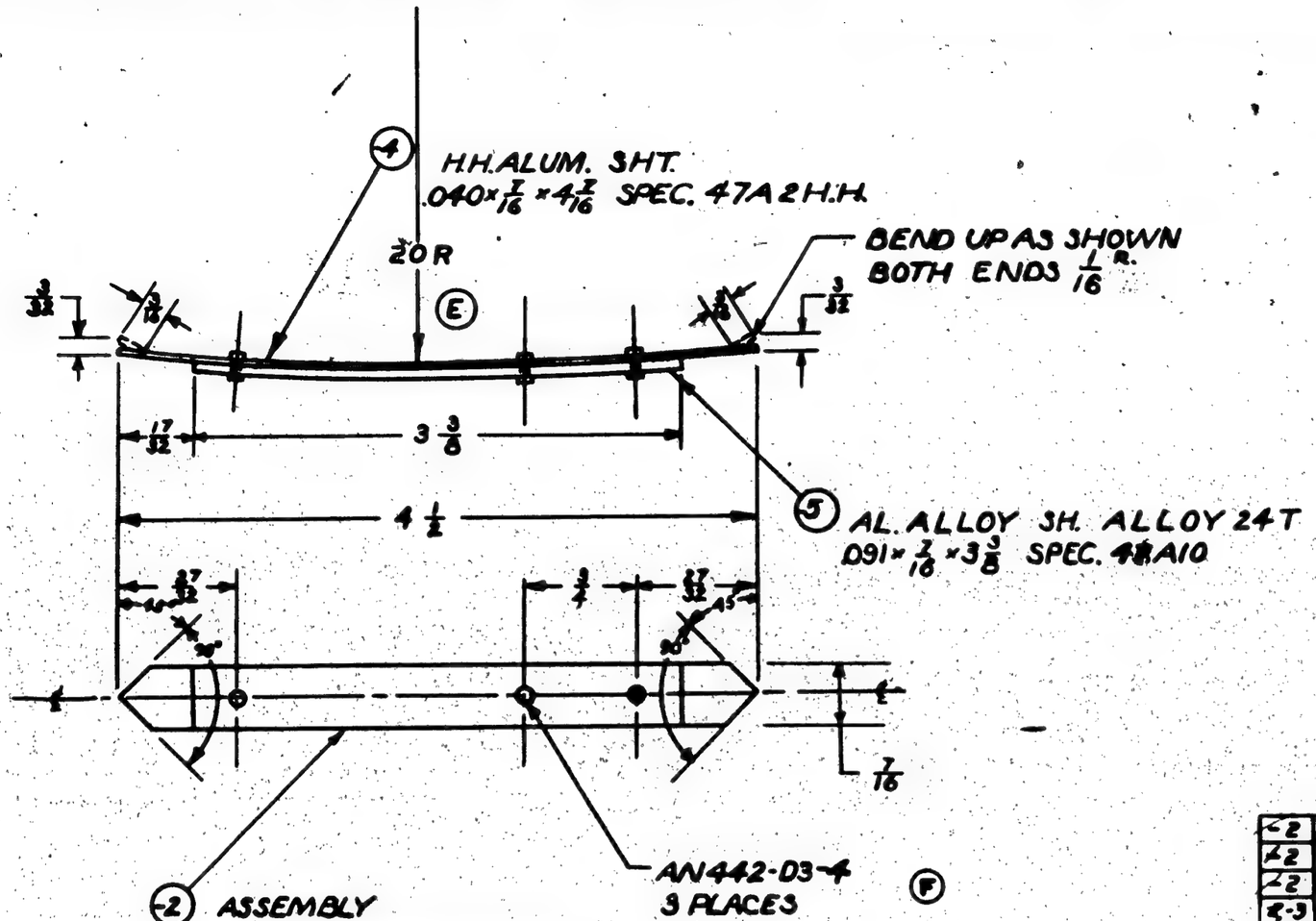
OPP HAND

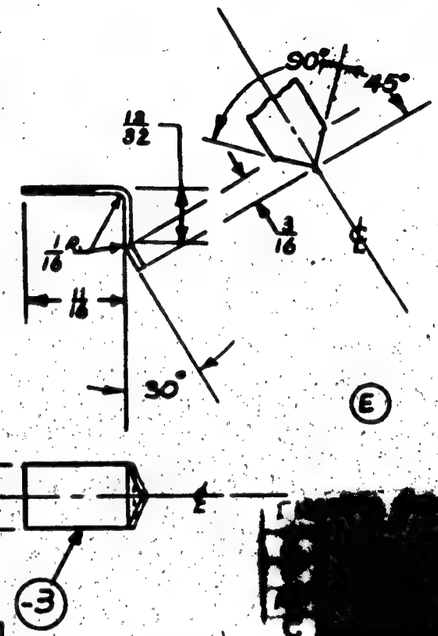
DWG B SIZE 28C1066

R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED	4-12-37	CLARK
E	ADDED 20° R. TO -4. NO WT. CHG.	5-23-42	Stubbin
F	AN-442-D3-4 WAS AN-442-D2-4		
	NO WT CHG.	2-10-43	[illegible]
—			

ER 421893 E
E.O. A84517





-3	28-5AMN	28C1070	2
	-5AMG		2
	-5MN		2
	-5ME		2
	-5MC		2
	28-5MA		2
	PBY-5A		2
	PBY-5B		2
-3	PBY-5		2
-2	28-5AMG		1
	-5MN		1
	-5ME		1
	-5MA		1
	-5MC		1
-2	28-5AMN	28C1070	1
OH	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

-2	PBY-5A	28C1070	1
-2	PBY-5B	"	1
-2	PBY-5	"	1
-3	PBY-4	28C1070	
-3	PBY-3	28C1070	
-2	PBY-3	28C1070	
-3	PBY-2	28C1070	
-2	PBY-2	28C1070	
-3	PBY-1	28C1070	
-2	PBY-1	28C1070	
-3	XP3Y-1	28C1070	
-2	XP3Y-1	28C1070	

ST'D PARTS	H REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
AN442-D3-4	3				
			-3	1	
			-5	1	
			-4	1	

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED 4-12-37 DATE
CALC. WT [illegible] ACT. WT

SCALE 12" = 1'-0"

AC
NAVY NOTED
MATERIAL

REQUIREMENTS PER AIRPLANE

O.H.	MODEL	NEXT ASSY.	REQ.
NOTED	NONE		

SPEC. | HEAT TREAT

MAT. | PARTS LIST PER ASSY.

Z-P-2 DULL BLACK ENAM.
FINISH

	DRAFT	CHECK	EXAM.	ENG.
WEIR	Shanley			
1-6-36	5-7-37			

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

NAME
INDICATORS - RUDDER & ELEV. FLAP CONTROL - GEAR BOX

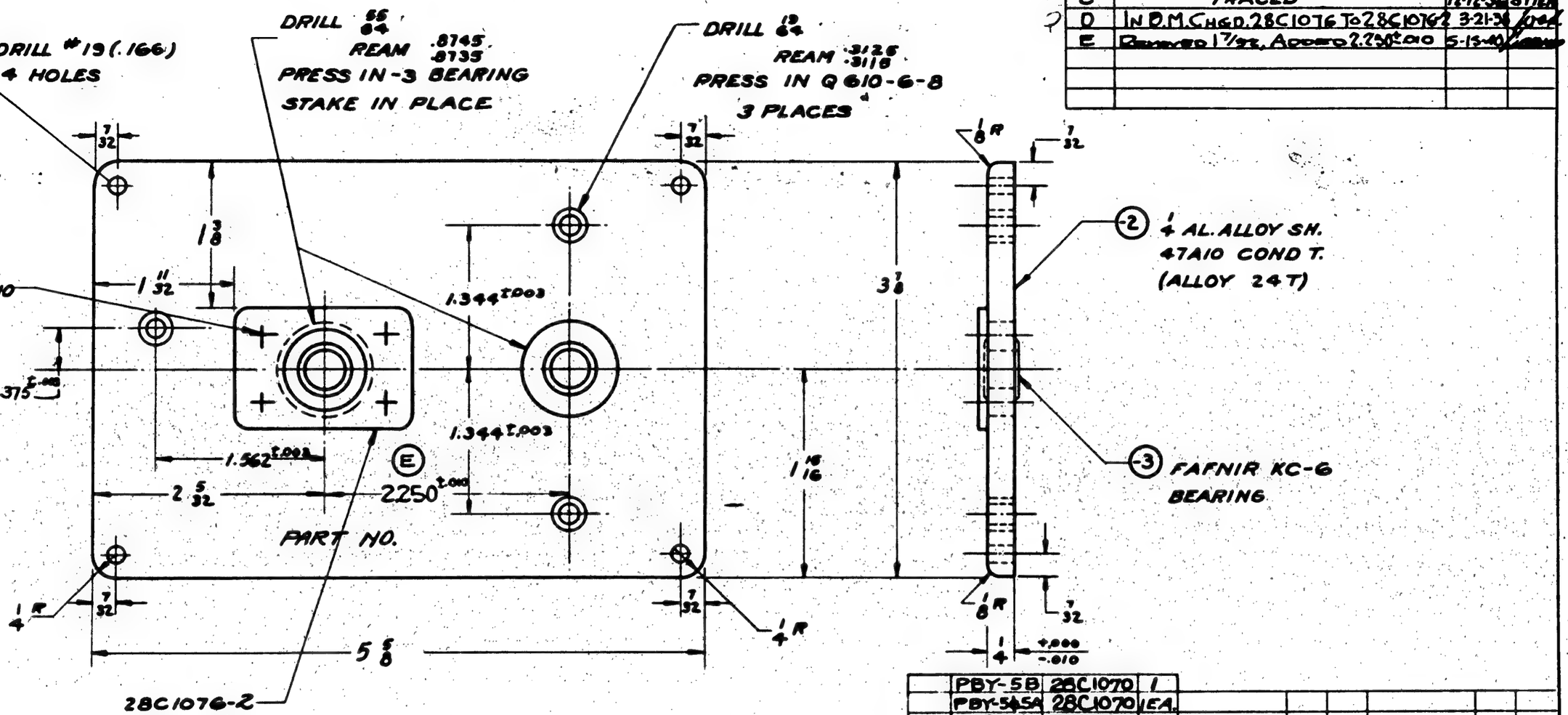
OPP. HAND

SIZE B

28C1069

Consolidated Aircraft Corp. Buffalo, N.Y.
Lithoplate Tracing Cloth

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	12-12-36	STIER
D	IN D.M.CHGD. 28C1076 TO 28C1076-2	3-21-38	[illegible]
E	REMOVED 1 7/32, ADDED 2.250±.010	5-13-40	[illegible]



	PBY-5B	28C1070	1									
	PBY-5A	28C1070	EA.									
	PBY-4	28C1070										
	PBY-3	28C1070								28C1076-2	1	
	PBY-2	28C1070	1							Q610-6-8	3	
	PBY-1	28C1070	1							28C1073-3	2	
	XPBY-1	28C1070								28C1073-2	1	
	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.		LH REQ.	RH REQ.	

NOTE: DRILL & REAM ALL HOLES TO MATCH 28C1072

FINISH -Z-P BEFORE BEARINGS AND BUSHINGS ARE PRESSED IN PLACE

REPLACES	APPROVED [redacted]	12-12-36 DATE					
REPLACED BY	.60 CALC.WT.	ACT.WT.					
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12"= 1'-0"	REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.		
[redacted]				2 DULL BLACK S.N.	WEIR	[illegible] GREEN	L
NAVY NOTED	NOTED	NONE		SEE NOTE	12-16-35	12-17-36 3-3-38	R
MATERIAL	SPEC.	HEAT TREAT		FINISH	DRAFT	CHECK EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

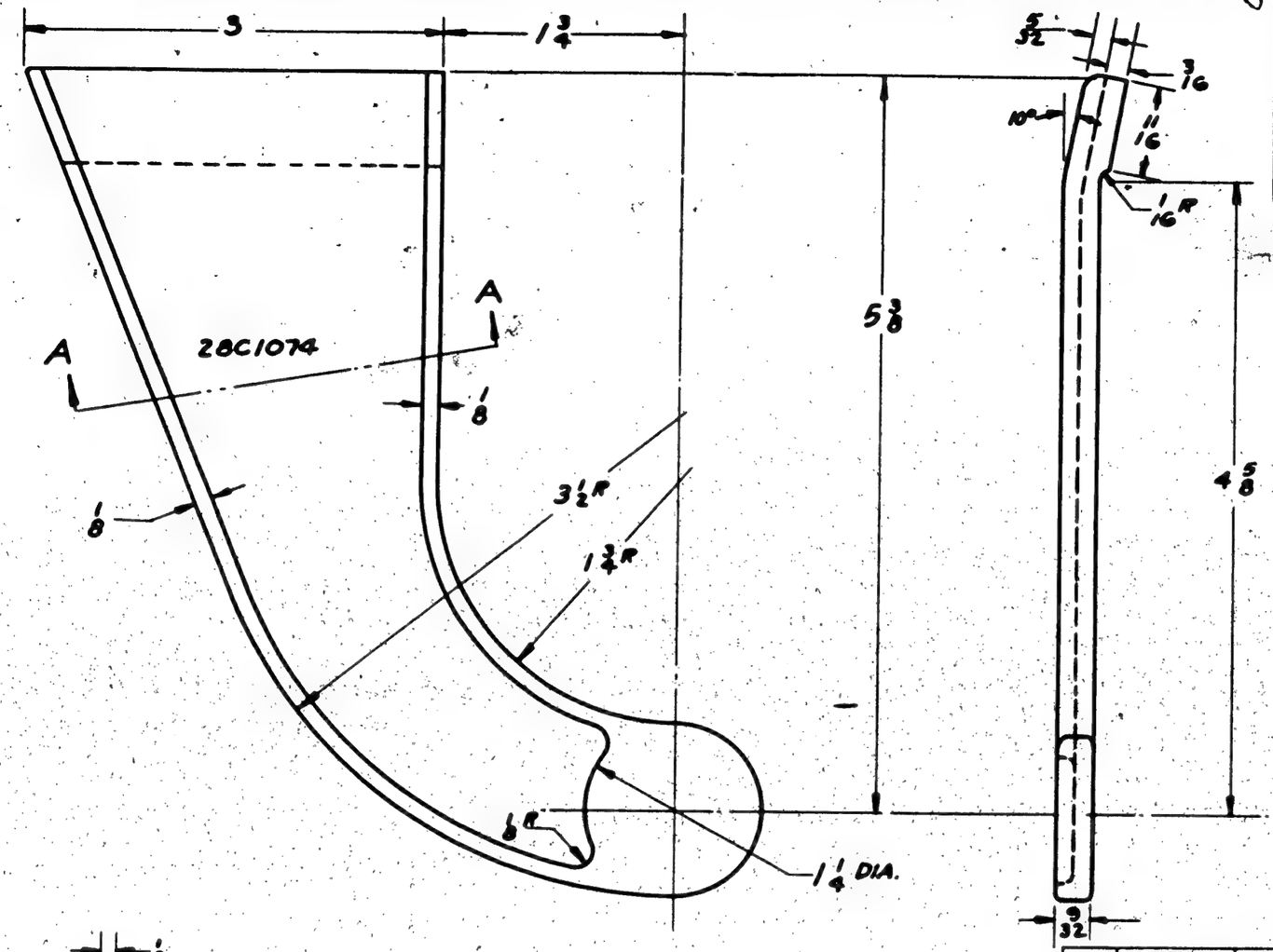
NAME COVER FLAP CONTROL GEAR BOX

OPP. HAND

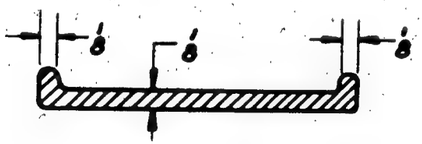
SIZE B

28C1073

CONSOLIDATED AIRCRAFT CORP. BUFFALO, NEW YORK



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-12-36	STAFF



SECTION A-A

NOTE : ALL SMALL UNMARKED RADII ARE 1/16 R

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY5A	28C1070	1						
	PBY-4	28C1075							
	PBY-3	28C1075							
	PBY-2	28C1075	1						
	PBY-1	28C1075	1						
	XP3Y-1		1						
	PBY-5B	28C1075	1						

REPLACES							
REPLACED BY							
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32							
APPROVED	DATE	REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.		
.33 CALC.WT.	ACT.WT.				WEIR	STAFF	GREEN
SCALE 12" = 1'-0"					12-17-35	12-17-36	3-2-36
AC					DRAFT	CHECK	EXAM.
NAVY AL ALLOY 195 CASTING T4		46A1-CL.-4	29,000 #/□"	NONE	L	R	ENG.
MATERIAL		SPEC.	HEAT TREAT	FINISH			

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME SUPPORT (CASTING) ELEV. - FLAP CONTROL CRANK

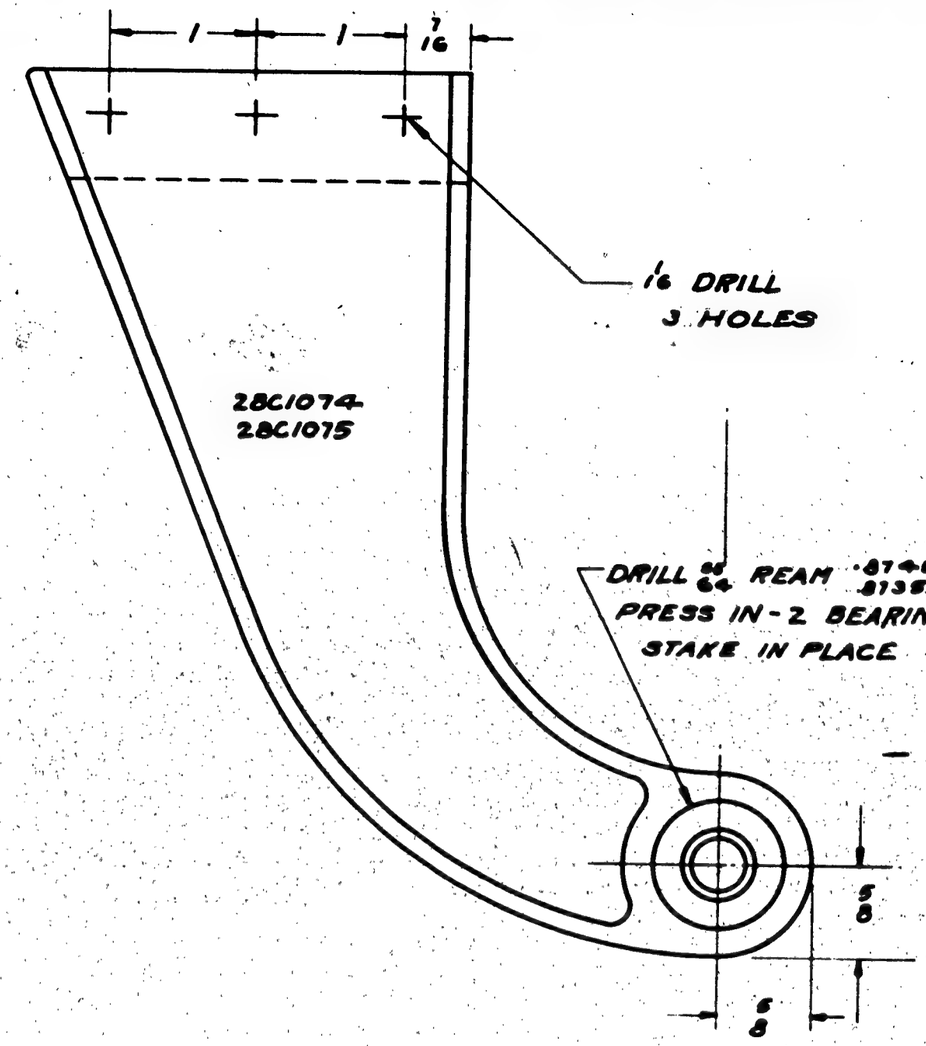
OPP. HAND

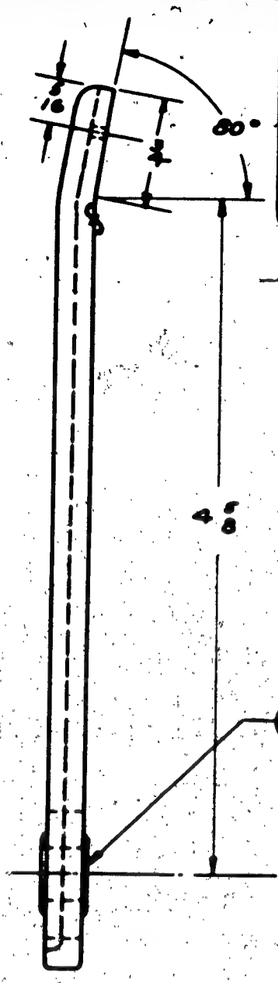
SIZE B

28C1074

SULLIVAN-McKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-14-36	ETHER





G.P. GREEN PRIME FINISH CODE

Z	[redacted]										
P											
AP											
C											

	PBY5A	28C1018	1								
	PBY-4	28C1018									
	PBY-3	28C1018									
	PBY-2	28C1018	1								
	PBY-1	28C1018	1						28C1075-2	1	
	XPBY-1								28C1074	1	
	PBY-5B	28C1018	1								
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.		LH REQ.	RH REQ.	

REPLACES		APPROVED	12-14-36 DATE	REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.		
REPLACED BY		.33 CALC. WT.	ACT. WT.					
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± .010	SCALE 12" = 1'-0"						
		AC				WEIR	GREEN	L
		NAVY NOTED		NOTED	NONE	2 [redacted] G.P SEE NOTE	12-17-36	3-2-36 R
		MATERIAL		SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME SUPPORT ELEVATOR FLAP CONTROL CRANK

OPP. HAND

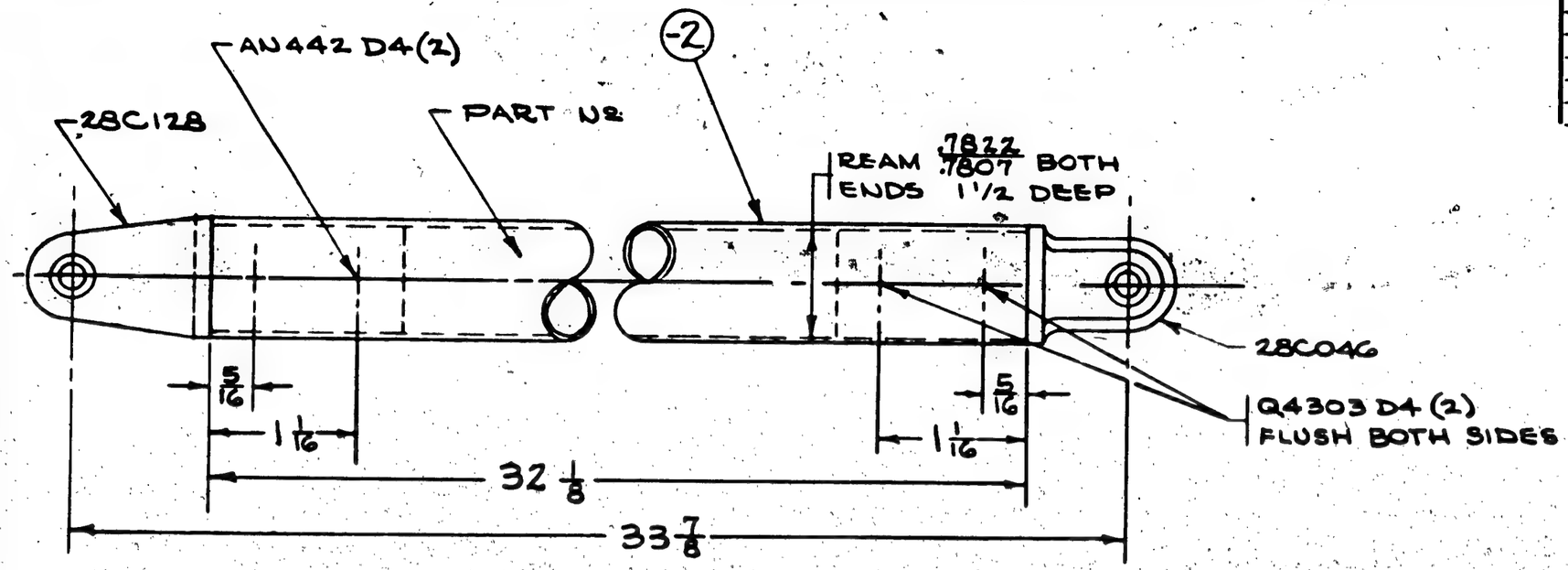
SIZE B

28C1075

NOTE: FINISH Z-[redacted] G.P. BEFORE PRESSING IN BEARING

SULLIVAN-MORRISSEY CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

LET	ALTERATION	DATE	BY
C	REDRAWN & REVISED	6-23-42	
	AS PER E.O.A42066	BRAVERMAN	



FINISH-
Z-ANODIZE
P-P27 PRIMER
GP-GREEN PRIME

	PBY-4	28T2003	
	PBY-3	28T2003	
	PBY-2	28T003	2
	PBY-1	28T1003	
	XPBY-1	28T1003	
ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES 28C1078 { A-SIZE .56 CALC. WT. / DR. 2-4-36 }

REPLACED BY ASY. WT.

LIGHT ON DRAWINGS UNLESS OTHERWISE SPECIFIED + | SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

	28-5 AMN	28T2003	2
	28-5 MN		2
	28-5 AMC		2
	28-5 MC		2
	28-5 ME		2
	28-5 MA		2
	PBY-5B		2
	PBY-5A		2
	PBY-5	28T2003	2
ASSY DASH NO	MODEL	NEXT ASSY.	REQ. PER AIRPLANE

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
AN442-D4													
Q4303-D4													
28C128				1									
28C046					1								
	-2 7/8 O.D. X .049	AL. ALLOY 17ST	COND. T										

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC		WEIR	GREED			L.C.W.	J.S.
NAVY NONE	Z-P-2 GP (OUTSIDE) ABP (INSIDE)	2/4/36	4/21/36			10/16/36	11/13/36
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG

NAME CONNECT. ARM-ELEVATOR TO FLAP - FLAP ADJUST.

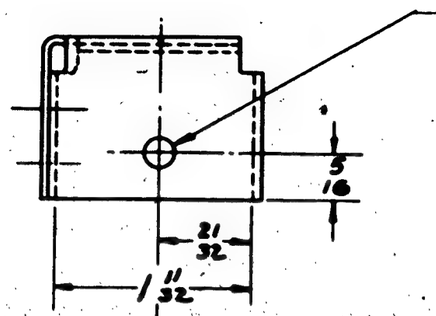
OPP. HAND

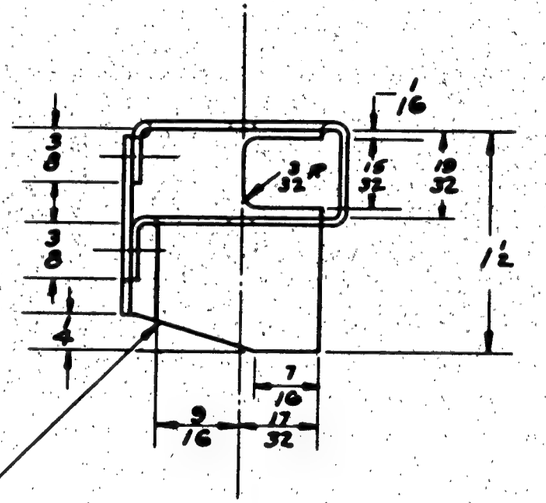
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

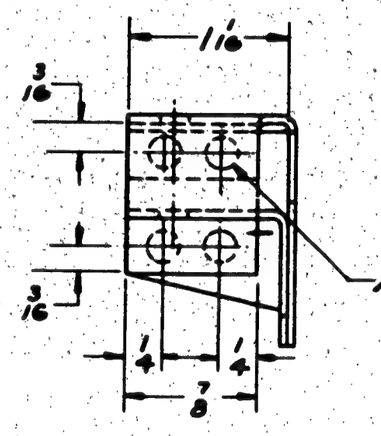
DWG. B SIZE 28C1078

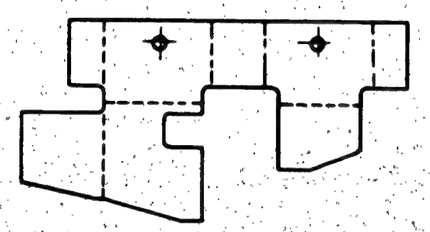
R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-13-36	STIER









FLAT PATTERN
NOT TO SCALE

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIME

-2 MAT'L: .051 AL. ALLOY SH 2480
SPEC. 47A10 COND. A"

NOTE: ALL BEND RADII 1/16 R.

	PBY-5B	28C1114	2									
	PBY-5B	28C1081	2									
	PBY-4	28C1114										
	PBY-4	28C1081										
	PBY-3	28C1114										
	PBY-3	28C1081										
	PBY-2	28C1114										
	PBY-2	28C1081										
	PBY-1	28C1114										
	PBY-1	28C1081		AN442-D3	4							
O.M.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.			LH REQ.	RH REQ.	

REPLACES	APPROVED	DATE	REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.	
REPLACED BY					WEIR	Stier Co.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −	.04 CALC.WT.	ACT.WT.			2-10-36	12-17-36
SCALE 12" = 1'-0"					DRAFT	CHECK
AC						
NAVY NOTED	NOTED	SRS3 (COND. T)	Z-P-2		EXAM.	ENG.
MATERIAL	SPEC.	HEAT TREAT	FINISH GP			R

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

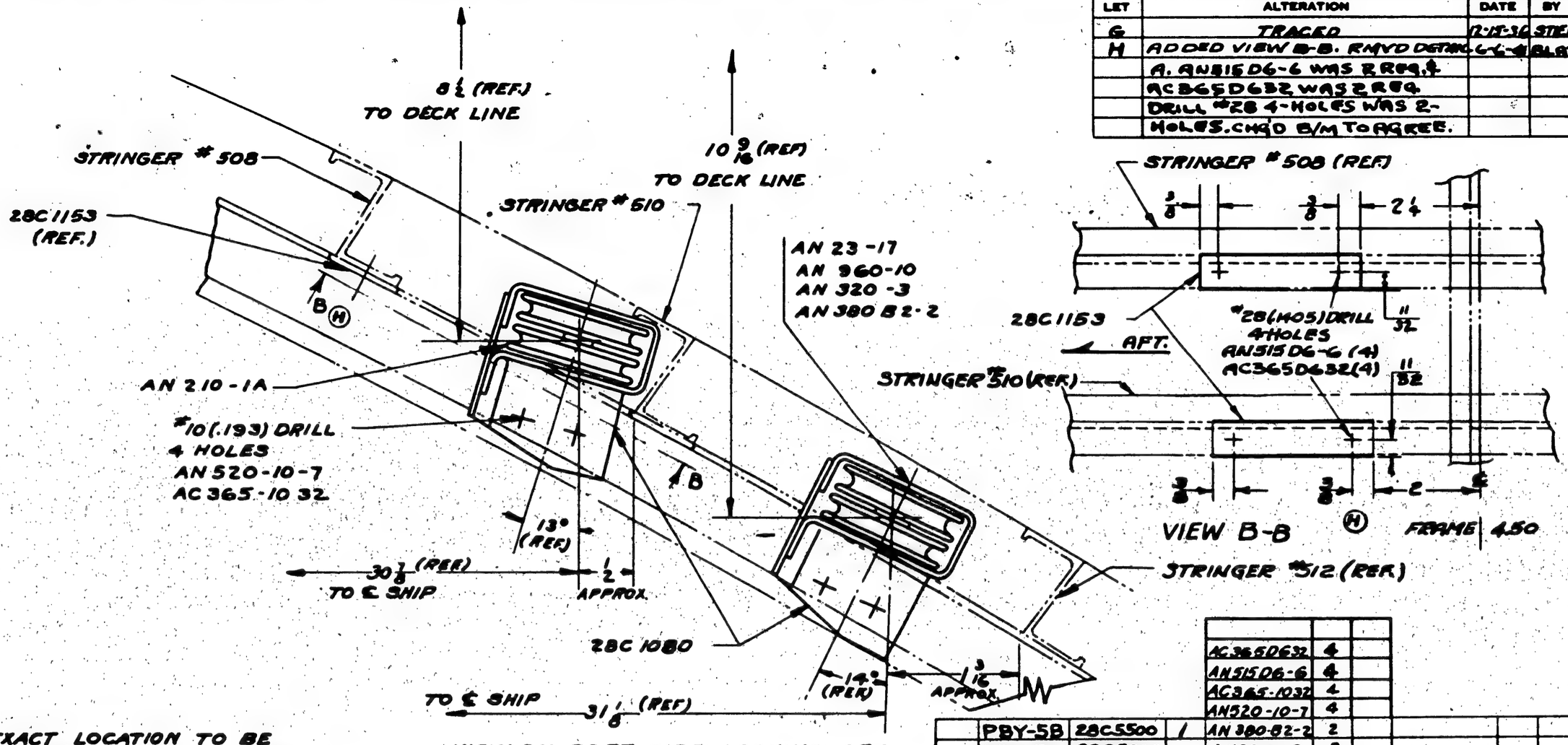
STAMP PRs ON MASTERS SHOWN

NAME BRACKET - FLAP CONTROL CABLE - PULLEY

OPP. HAND

SIZE B — 28C1080

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
G	TRACED	12-17-36	STEER
H	ADDED VIEW B-B. RMVD DETAIL	4-6-37	BLAY
	A. AN515D6-6 WAS 2 REQ'D.		
	AC365D632 WAS 2 REQ'D		
	DRILL #28 4-HOLES WAS 2-		
	HOLES. CHG'D B/M TO AGREE.		



NOTE:
EXACT LOCATION TO BE DETERMINED FROM ALIGNMENT OF CABLES.

VIEW ON PORT SIDE LOOKING AFT

					AC365D632	4					
					AN515D6-6	4					
					AC365-1032	4					
					AN520-10-7	4					
	PBY-5B	28C5500	/		AN 380-B2-2	2					
	PBY-5	28C5000			AN320-3	2					
	PBY-4	28C2000			AN960-10	2					
	PBY-3	28C2000			AN 23-17	2					
	PBY-2	28C2000			AN 210-1A	4		28C1153	2		
	PBY-1	28C1000						28C1080	2		
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.		LH REQ.	RH REQ.	

REPLACES			
REPLACED BY			
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −			
APPROVED 12-15-36 DATE			
.16 CALC.WT.	ACT.WT.		
SCALE 12" = 1'-0"			
AC			
NAVY NOTED			
MATERIAL			
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.			
STAMP PT. No. WHERE SHOWN			

REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.			
			WEIR	STEER	GREEN	
NOTED	NONE	NONE	4-6-36	12-17-36	4-21-36	R
SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

NAME INSTALLATION-FLAP CONT. PULLEY BRACKET STA # 4.50

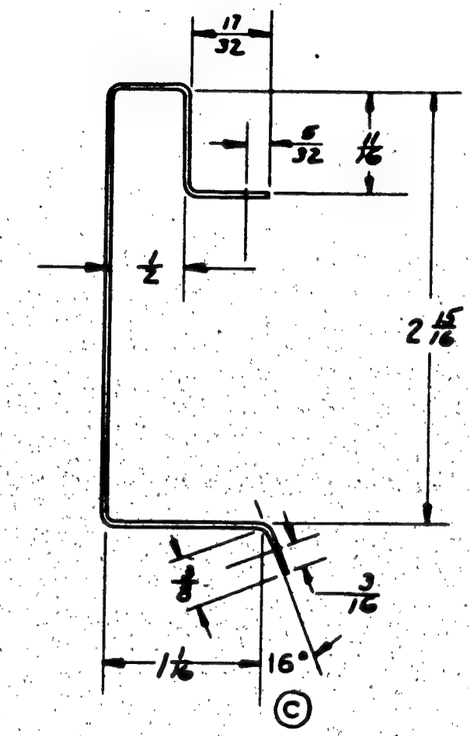
OPP. HAND

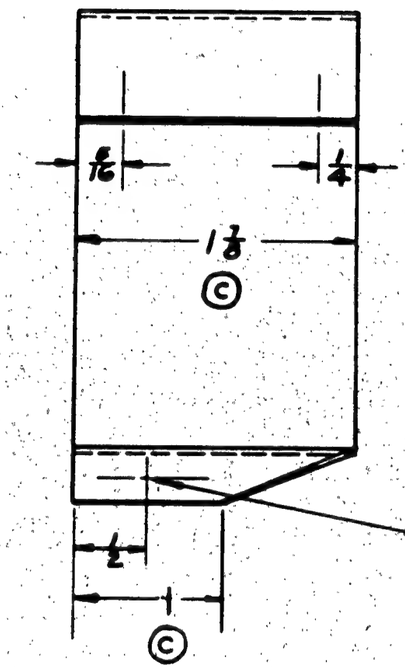
DWG. B SIZE 28C1081

CONSOLIDATED-VULTEE CO., INC. BUFFALO
IMPERIAL PRINTING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-15-36	STIEFF
B	ADDED J/B DRILL NOTE ;	10-28-37	Hulsey
C	PART TRIMMED TO 1 1/8 ; 3 HOLES	1-10-38	WEIR
	WERE 4 ; 16° WAS 22° ; TAPER	" "	"
	TO 1" ADDED ; PBY-2 N.A.S.S.Y.	" "	"
	WAS 28T1003 ; PBY-3&4 ADDED	" "	"

C.O. 5957





28C1087 - L.H. SHOWN
28C1087 - 1 R.H. OPPOSITE

G.P. GREEN PRIME

[redacted]		
B	J/B DRILL #18(169) WITH 28C1086	
A	3 HOLES	B
C		

NOTE:
ALL BEND RADII
TO BE 1/16 R

-1	PBY-4	28T2029											
	PBY-4	28T2029											
-1	PBY-3	28T2029											
	PBY-3	28T2029											
-1	PBY-2	28T2029											
	PBY-2	28T2029											
-1	PBY-1	28T1003											
	PBY-1	28T1003											
-R	PBY-5B	28T2029	1										
-0	PBY-5B	28T2029	1										
-R	PBY5A	28T2029	1										
-0	PBY5A	28T2029	1										
O.H.	MODEL	NEXT ASS'Y	REQ.		ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.			

REPLACES
REPLACED BY ✓
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± [redacted]

APPROVED 12-15-36 DATE

.05 CALC.WT. ACT.WT.

SCALE 12" = 1'-0"

AC
NAVY 250 & 24ST. AL ALLOY SH.
MATERIAL

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

		G.P.	WEIR	Stiff	GREEN	Co.
47A10	NONE	Z-P-2 [redacted]	3-9-36	12-17-36	3-29-38	R
SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

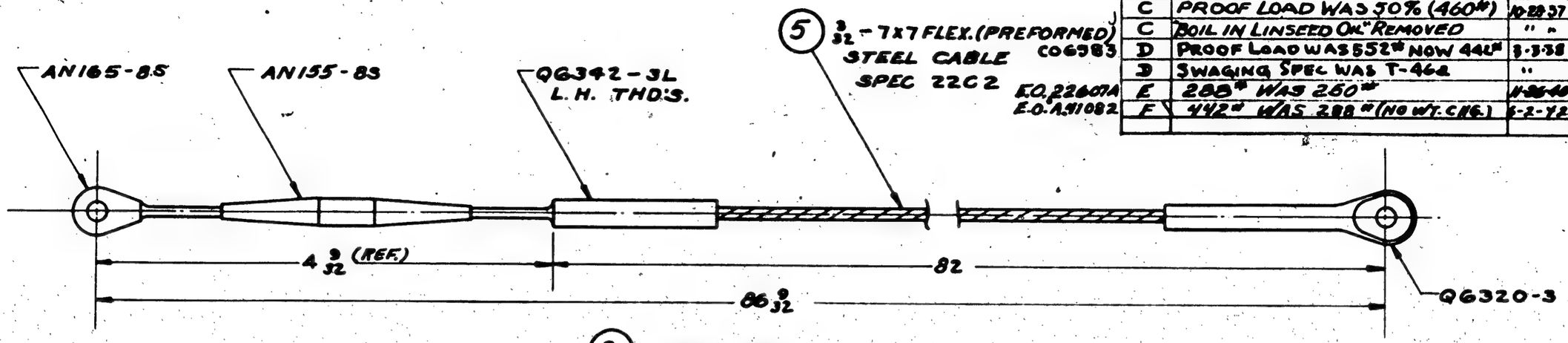
NAME
GUARD
FLAP CONTROL
ELEV. - SPROCKET

OPP. HAND 28C1087-1

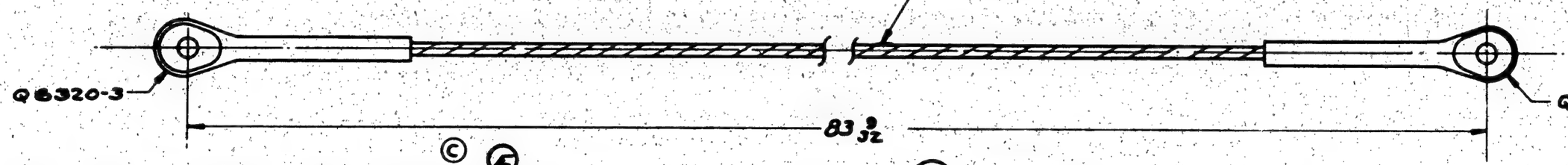
DWG. B SIZE 28C1087

SULLIVAN-MORGENSEN CO., INC. BUFFALO
SUPERIOR TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-15-36	STIER
C	PROOF LOAD WAS 50% (460#)	10-28-37	WEIR
C	BOIL IN LINSEED OIL" REMOVED	" "	"
D	PROOF LOAD WAS 552# NOW 442#	3-3-38	WEIR
D	SWAGING SPEC WAS T-462	"	"
E	288# WAS 250#	4-26-40	GAW
F	442# WAS 288# (NO WT. CHG.)	5-2-42	[illegible]



3 ASSEMBLY



2 ASSEMBLY

PRE-STRETCH CABLE ASS'IES TO 442 #. (F)
SWAGE ALL TERMINAL ENDS PER SPEC. T-46b (D)
BEFORE AND AFTER INSTALLATION COAT WITH 50% (C)
TALLOW AND 50% WHITE LEAD SOLUTION

ASSEMBLY	NO REQ	NEXT ASS'Y	DETAILS	NO REQ	CALC. WT.	ACT WT.
-2	1		28C1091-4	1	.16	
			QG320-3	2		
-3	1		28C1091-5	1	.18	
			AN165-8S	1		
			AN155-8S	1		
			QG342-3L	1		
			QG320-3	1		

-2-3	PBY-5B	28T2029	1B									
-2-3	PBY-5A	28T2029	AM	(-2-3) 0A-10	1		(-2-3) 28-5AMC	1				
-2-3	PBY-5	28T2029	1	(-2-3) 28-5MA	1		(-2-3) 28-5AMH	1				
-2-3	PBY-4	28T2029		(-2-3) 28-5MB	1							
-2-3	PBY-3	28T2029		(-2-3) 28-5MH	1							
-2-3	PBY-2	28T2029		SEE TABLE				-5	SEE			
-2-3	PBY-1	28T1003		A				-4	TABLE			
O.H.	MODEL	NEXT ASSY	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.			

REPLACES	APPROVED	12-15-36 DATE					
REPLACED BY	NOTED CALC.WT.	ACT.WT.	REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±	SCALE 12" = 1'-0"						
[redacted]	AC					WEIR	Stier Chr
	NAVY NOTED		NOTED	NONE	NOTED	3-20-36	12-11-36 Miller R
	MATERIAL		SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

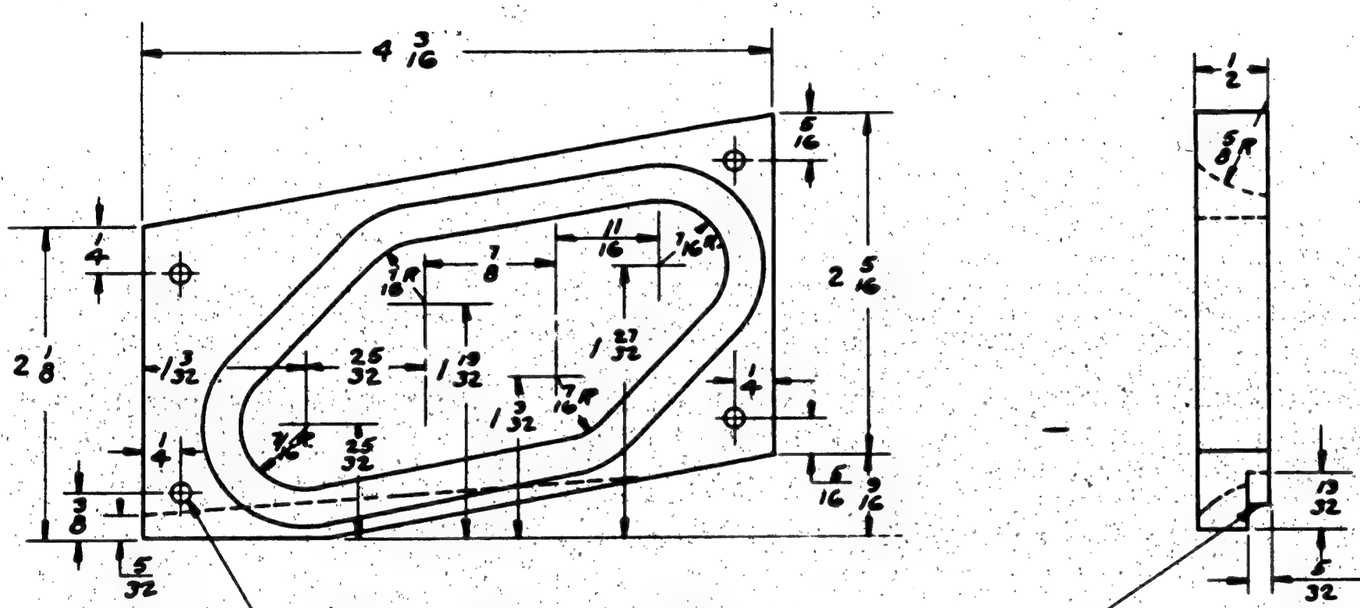
NAME CABLE ASSEM. ELEV. - FLAP CONTROL SPROCKET CONN.

OPP. HAND

DWG. B SIZE 28C1091

SULLIVAN-MERRIMAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-15-36	STIER
B	MAT'L WAS GRADE F.B.G	3-4-39	WEIR
C	ADDED MOULDED PHENOLIC MAT'L		
	17P4 TYPE CFI	7-6-42	DAEDA



L.H. AS SHOWN

R.H. OPPOSITE

©

MATERIAL NOTE:
MOLDED PHENOLIC, 17P4 TYPE CFI -OR-
LAMINATED PHENOLIC 17P5 GR PBG

-0-1	PBY-4	28C1013										
-0-1	PBY-3	28C1013										
-1	PBY-2	28C1013										
	PBY-2	28C1013										
-1	PBY-1	28C1013										
	PBY-1	28C1013										
-1	XP3Y-1	28C121										
	XP3Y-1	28C121										
O.H	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

-R	PBY-5B	28C1013	1									
-L	PBY-5B	28C1013	1									
-R	PBY5A	28C1013	1									
-L	PBY5A	28C1013	1									
O.H	MODEL	NEXT ASS'Y	REQ									

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED 12-15-36 DATE

.08 CALC. WT. ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY NOTED

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP FT. No. WHERE SHOWN

REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.
				Hoover Steel Co.
NOTED	NONE	NONE		3-20-36 12-7-36 Miller R
	HEAT TREAT	FINISH		DRAFT CHECK EXAM. ENG.

NAME

GUIDE
FLAP CONTROL
CABLE - FRAME #3.00

OPP. HAND 28C1093-1

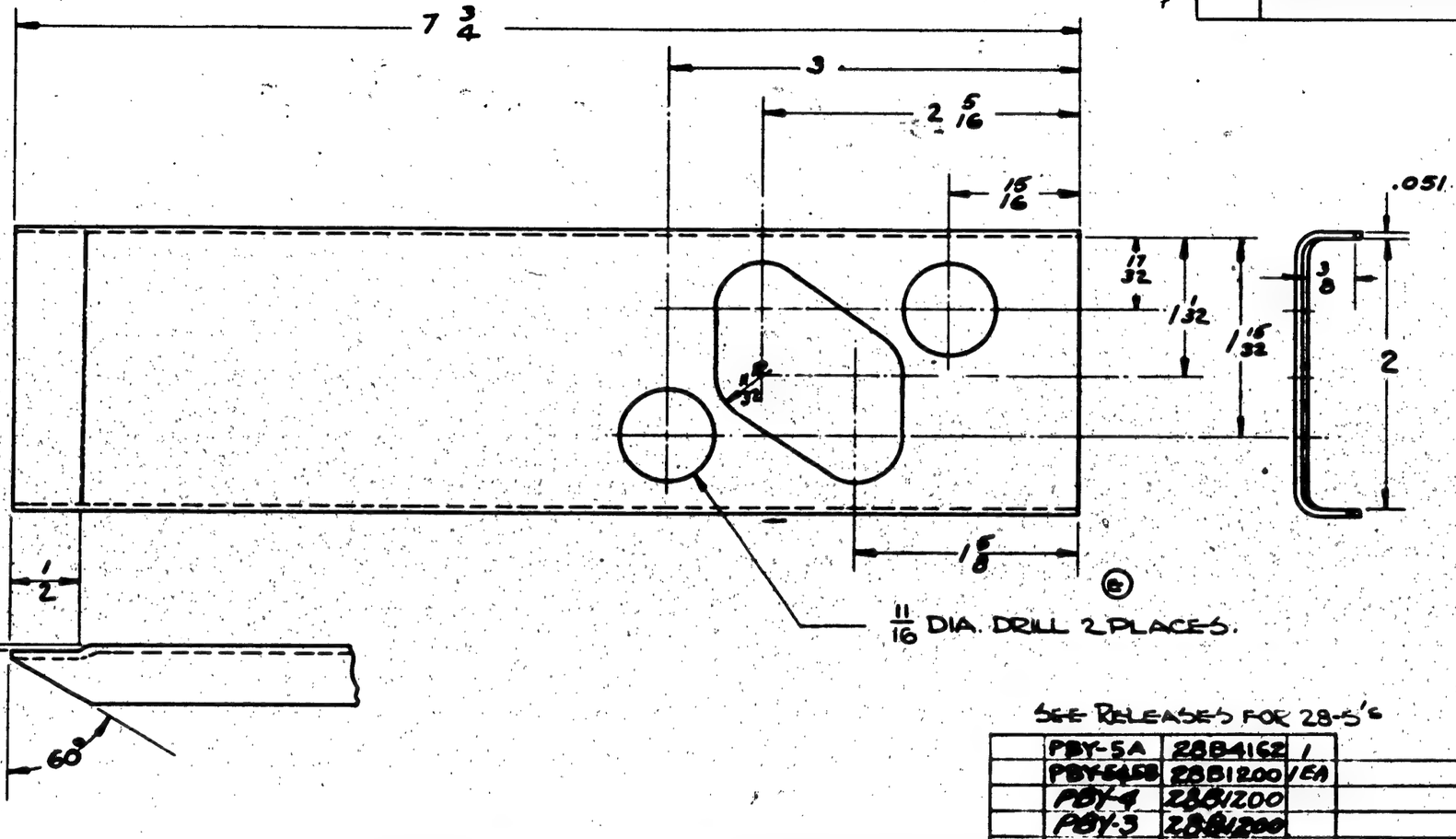
DWG. B SIZE 28C1093

BUFFALO-SPRINGFIELD CO., INC. BUFFALO
NATIONAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED.	12-15-36	STER
D	EASO AL ALLOY WAS 24ST & [illegible]	[illegible]	MO
	SR-93 HT. TREATMENT WAS NONE.		
E	ON FACE OF DWG. # DIA. DRILL		
	2 HOLES. WAS 4 HOLES. WT. CHG. NEG.	10-14-43	[illegible] DER.

EQ 17209

28C1095



SEE RELEASES FOR 28-5's

	PBY-5A	28B4162	1										
	PBY-5A5B	28B1200	1/EA										
	PBY-4	2881200											
	PBY-3	2881200											
	PBY-2	2881200											
	PBY-1	2881200											
	XPBY-1												
O.M.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± ∓

[redacted]

APPROVED [illegible] 12-15-36 DATE

CALC. WT. .11 ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY ALUM. ALLOY SHT. 24ST

MATERIAL

47A10 (Revised) SPEC. | SR93 HEAT TREAT | Z-P-2 FINISH | G.P.

DRAFT	CHECK	EXAM.	ENG.
Hoover	[illegible]	Co.	
9-20-36	12-17-36	Miller	R

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

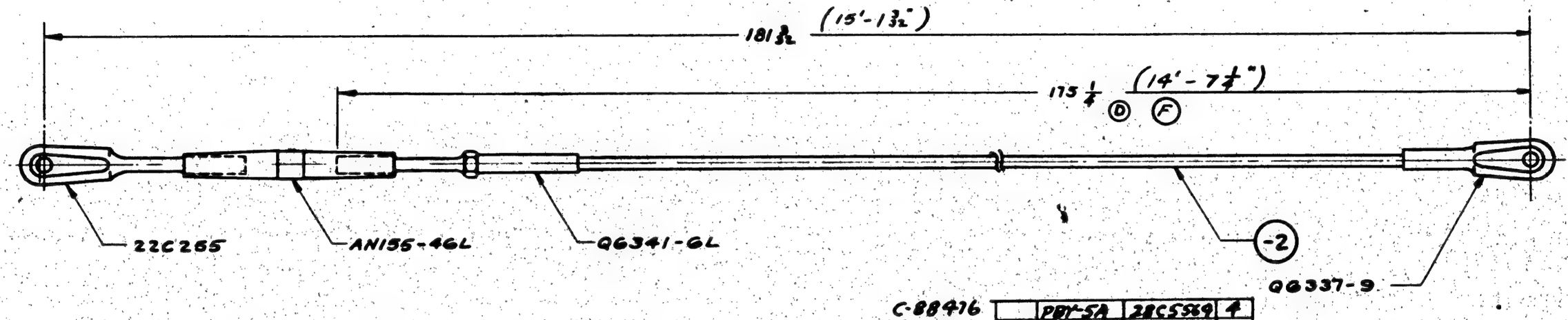
NAME REIN. CABLE STOP FLAP CONTROL BULKH'D #20

OPP. HAND

SIZE B 28C1095

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-15-36	STER
C	PROOF LOAD WAS 50% (2300#)	10-28-37	WEIR
C	REMOVED "BOIL IN LINSEED OIL"	" "	" "
D	REMOVED 1/32 DIM. WHICH WAS SHOWN	1-27-41	ELLINGTON
	"B" NUT OF AC841 TERMINAL & ADDED		
	175 1/4 DIM. TO END OF TERMINAL		
E	ADDED TOLERANCE ±	4-18-41	Schaller
F	CHGD 175 7/64 (14'7 7/64") TO 175 1/4 (14'7 1/4") — ADDED	9-23-41	Tessman
	PBY-5 SER. 08450, 08455 INCL. NO. 46, ref'ng TO Q4		

PBY-5 E.O. 439 COMM. AA-1896



C-88476

(-2) 3/16 DIA. - 19 STRAND NON-FLEXIBLE STEEL WIRE CABLE. SPEC. 22C3 PREFORMED PRE-STRETCH CABLE ASSY TO 2760# WHICH IS 60% RATED STRENGTH

Ⓒ C-7049677113

FINISH:
BEFORE AND AFTER INSTALL'N COAT Ⓒ WITH 50% WHITE LEAD AND 50% TALLOW SOLUTION.
SWAGE AS PER SPEC T-466 AS APPLICABLE.

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5A	28C5569	4						
	28-5NN	28C5500							
	28-5NE	28C5500							
	28-5MC	28C5500							
	28-5MA	28C5800							
	28-5AMC	28C5750							
	PBY-5B	28C5500	4						
	PBY-5A	28C5700	4						
	PBY-5	28C5000	4						
	PBY-4	28C2000					Q6337-9	1	
	PBY-3	28C2000					Q6341-GL	1	
	PBY-2	28C2000					22C265	1	
	PBY-1	28C1000		ANI55 4GL	1		28C1098-2	1	

REPLACES 28C1098 OF 1-21-36

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/8 Ⓑ

[redacted] APPROVED 12/15/36 DATE

1.42 CALC. WT. ACT. WT.

SCALE 6" = 1'-0"

REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.
AC		
NAVY NOTED	NOTED	NONE
MATERIAL	SPEC.	HEAT TREAT

NOTED — FINISH

Hoover Steel Ball Co. R

4-3-36 DRAFT | 12-17-36 CHECK | Miller EXAM. | ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME CABLE CONTROL AILERON OUTER WING PANEL ASSEM.

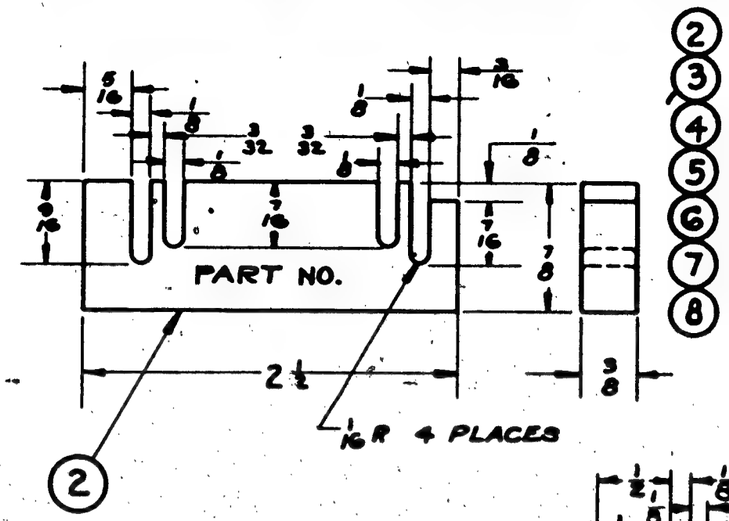
OPP. HAND

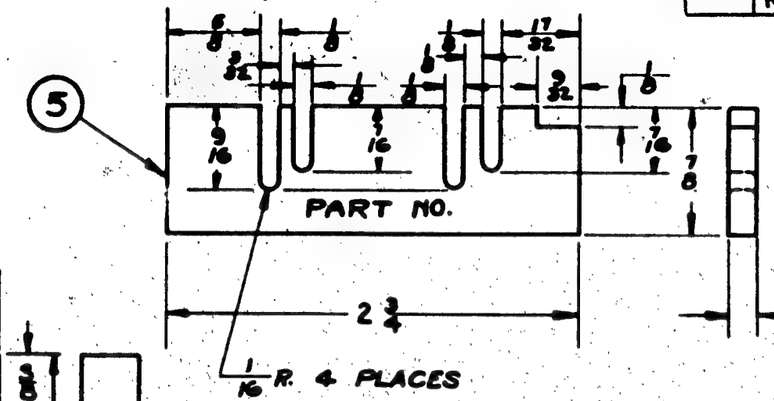
SIZE B 28C1098

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-24-36	STIER
B	MAT'L WAS GR F.B.G.	3-9-38	WEIR
C	ADDED DETAIL 6	10-31-40	WILSON
D	IN DETAIL -6, 1 7/8 WAS 2	1-6-41	FRANCIS
E	ADDED -7 & -8 DETAIL AND MODEL REQUIREMENTS NOTE.	11-13-41	STEVENS

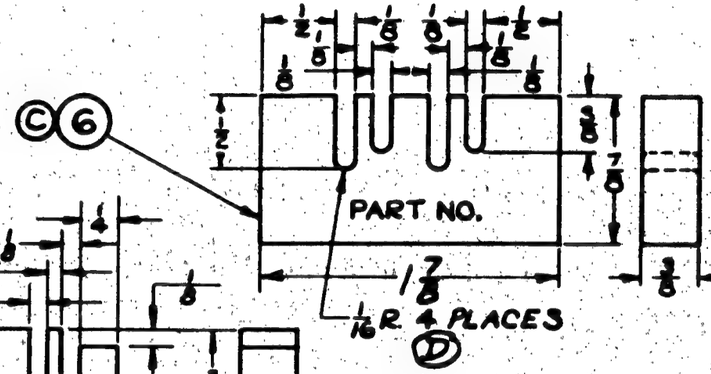
E.O. 25107
E.O. 25107A

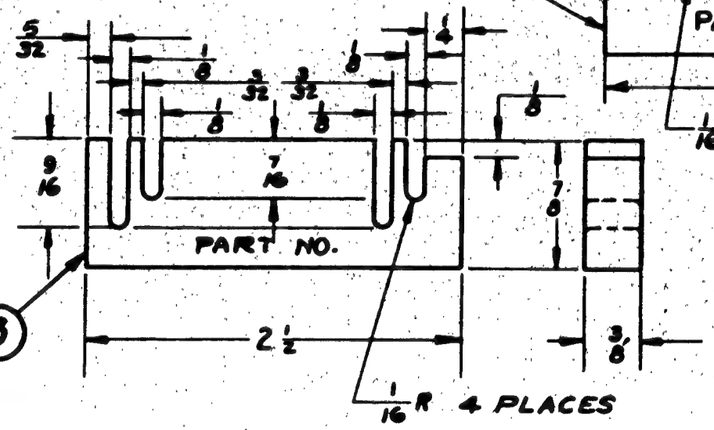
LAMINATED PHENOLIC
MAT'L. SPEC. 17P5 GR. P.B.G.

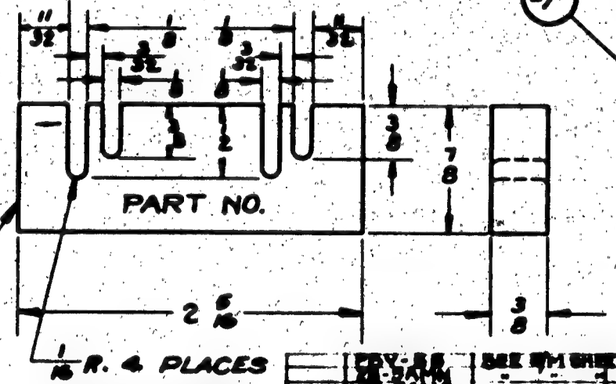


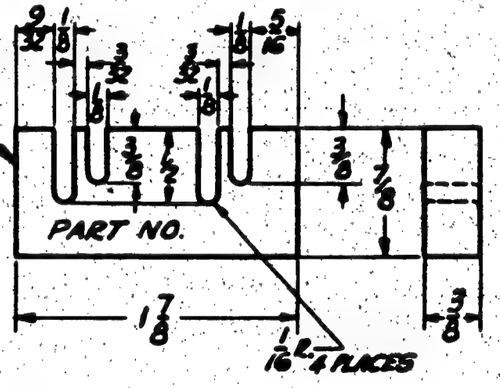


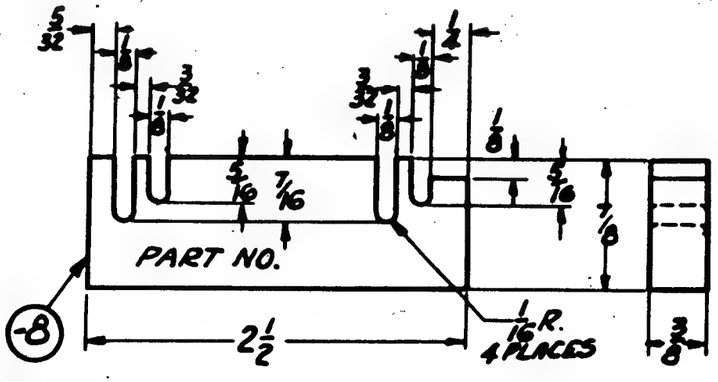
NOTE:
BREAK SHARP EDGES AT CABLE CUTOUTS ON ALL GUIDES.











DASH NO.	WEIGHT
-2	.03
-3	.03
-4	.03
-5	.03

											LH REQ.	RH REQ.	LH REQ.	RH REQ.

E.O. A48657

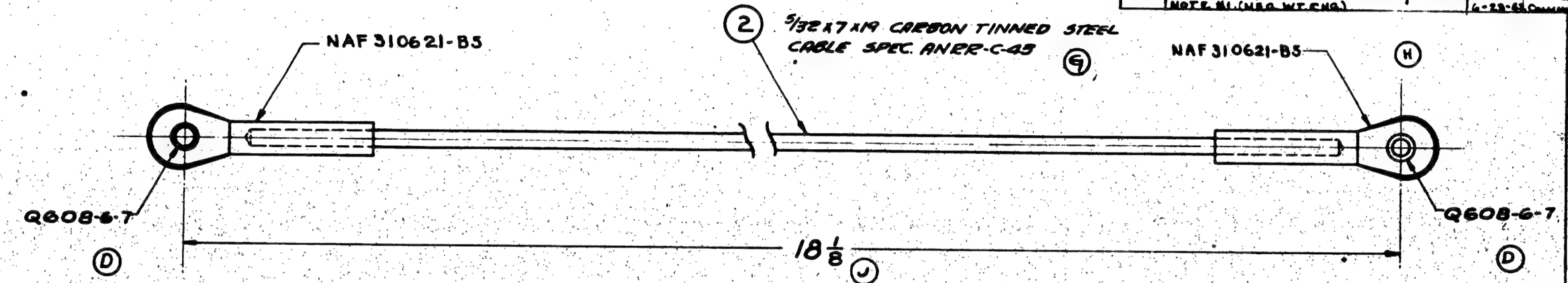
LET	ALTERATION	DATE	BY
J	DIM. 18 1/8 WAS 18 1/16. TOLERANCE ± 1/32 WAS ± 1/16. NO WT. CHG.	8-10-42	CARRIER
K	IN NOTE #4 - 1680# WAS 1340#. NO WT. CHG.	5-28-43	CARRIER

E.O. A39642

LET	ALTERATION	DATE	BY
C	TRACED	12-24-36	STEER
D	Q608-6-7 WAS Q608-6-10	5-24-37	[illegible]
E	PROOF LOAD WAS 50% (1650#)	10-28-37	Weir
-	REMOVED "BOIL IN LINSEED OIL"	" "	"
F	ADDED 1/8 LIMIT ON DIM E	1-31-41	EDMISS
G	CHANGED SPEC. TO R.P. WAS W.L.T. 5/32 x 7 x 19 CARBON..... ANER-C-43 WAS 3/32 NONFLEXIBLE..... (PER FORMER). CHANGED COATING FROM R.P. TO PARKERIZING..... WAS 1980#. WT. CHG. NEG.	10-6-42	CARLSON

E.O. A45504

LET	ALTERATION	DATE	BY
H	ON FACE A.D.M., NAF 310621-B3 WAS Q 6321-5, & ADDED NOTE #4, RE NOTE #1. (NEG. WT. CHG.)	4-29-43	CARLSON



NOTES:

G 2. CABLE TO BE COATED WITH PARKALTONE SPEC RM-61 TYPE B AS PER SPEC. 3R15C. E

3 SWAGE AS PER SPEC T-46 AS APPLICABLE.

H 4 PRESTRETCH CABLE ASSY USING NAF 310621-B5 (2) EYE TO 1680#.

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5 From	28C003	1						
	PBY-5 MC		1						
	PBY-5 MN		1						
	PBY-5 MR		1						
	PBY-5 MC		1						
	PBY-5 MA		1						
	PBY-5B	28C003	1						
	PBY-5A5A	28C003	1 EA						
	PBY-4	28C003							
	PBY-3	28C003					28C1119-2	1	
	PBY-2	28C003					NAF 310621 LIST 2		
	PBY-1	28C003					Q608-6-7	2	

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED 12-24-36 DATE

.19 CALC. WT. ACT. WT.

SCALE 12" = 1'-0"

	REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.
AC			
NAVY NOTED	NOTED	NONE	NOTED
MATERIAL	SPEC.	HEAT TREAT	FINISH

WEIR	Steer Co.		
5-4-36	12-24-36	MILLER	R
DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME

CABLE ASSEMBLY CONTROL YOKE

OPP. HAND

SIZE B

28C1119

SULLIVAN-HOFFERMAN CO., INC. BUFFALO
TRACING CLOTH

28C1121

LET	ALTERATION	DATE	BY
C	TRACED TO DATE	2-18-37	STIER
D	CORRECTED LATHS--2 WAS 15'5⅜"		
	-3 WAS 15'7⅛", -4 WAS 15'8⅝"		
E	ADDED NOTE #3	4-5-37	D-HAW
F	-4 WAS 15'-8"; -2 WAS 15'-7"	2-28-38	STIER
G	[illegible]	1-9-39	Crane

N	ADDED -17,-18 & -19 & NOTE 5:	1-24-42	Crane
	ADDED -14,-15 & -16 TO NOTE		
J	CREATED -20,-21 & -22 ASSYS.	9-12-42	Crane
K	[illegible]		
	[illegible]		
	[illegible]		
	[illegible]		
L	IN NOTE #1 60% WAS 50% & 240#		
	WAS 240# NO WT. CHG.	6-24-43	Crane

E.O. 31461

E.O. A-20089
E.O. A-39108

(J) (-25, -23, -24, 16, 14, 15) (N)

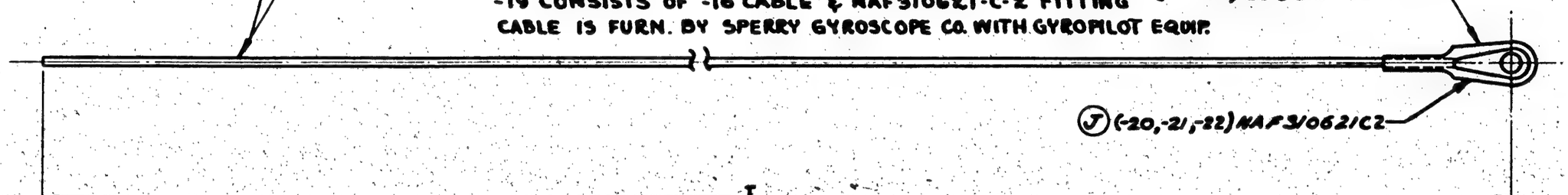
(K) 1/16 DIA. 7x7 CARBON TINNED STEEL CABLE
SPEC AN RR-C-43

(C) (8, 5, 9, 6, 10, 7)

~NOTE~

-17 CONSISTS OF -14 CABLE & NAF 310621-C-2 FITTING
-18 CONSISTS OF -15 CABLE & NAF 310621-C-2 FITTING
-19 CONSISTS OF -16 CABLE & NAF 310621-C-2 FITTING
CABLE IS FURN. BY SPERRY GYROSCOPE CO. WITH GYROPILOT EQUIP.

(J-1-12-42) QC330-62
(J-2-31-42) QC330-2



NOTES:

1. PRESTRETCH CABLE ASS'Y. TO 60% (K) (288#) OF RATED STRENGTH.
2. CABLE TO BE COATED WITH PARALKATONE SPEC. RMOI TYPE 'B' AS PER SPEC SR15C.
3. (E) MAKE CABLE 6" OVER LENGTH TO ALLOW FOR INSTALLATION IN SHIP.
4. SWAGE ALL ENDS - SPEC. T46

PART NO	NAME	"L"
-22	ELEVATOR	17'-0"
-21	AILERON	16'-6"
-20	RUDDER	16'-0"
-18	ELEVATOR	8'-2⅝"
-17	AILERON	8'-1½"
-16	RUDDER	8'-1"
-4	ELEVATOR	15'-7"
-3	AILERON	15'-4⅝"
-2	RUDDER	15'-2"

(D)

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

J

(C) comm C88476
C91874 "1-19-39

CALC. WT	ACT. WT	APPROVED	DATE
.13			
.13			
.13			
NOTED			

PART NO.	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	REQ.
-25		28-SAME	28C8750	1				-25 ASSY.	1
-23		U.S.C.G.	28C5001	1				-23 ASSY.	1
-24		PBY-5A	28C5500	1				-24 ASSY.	1
-16		28-SNA-HM	28C5500	1				-16 ASSY.	1
-14		28-SNA-MC	28C5500	1				-14 ASSY.	1
-15		[illegible]	28C5750	1				-15 ASSY.	1
8		PBY-5A	28C5569	1				8 ASSY.	1
5		ABV-5	28C5086	1				5 ASSY.	1
9		31	31C007	1				9 ASSY.	1
6		31	31C007	1				6 ASSY.	1
10		31	31C007	1				10 ASSY.	1
-4		PBY-1	28C1000	1			1	-4 ASSY.	1
-3		PBY-1	28C1000	1			1	-3 ASSY.	1
-2		PBY-1	28C1000	1			1	-2 ASSY.	1

(J)

SCALE 12" = 1'-0"	REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.
AC			
NAVY NOTED	NOTED	NONE	NOTE #2
MATERIAL	SPEC.	HEAT TREAT	FINISH

	DRAFT	CHECK	EXAM.	ENG.
WEIR	Andrew Cid			
5-13-36	2-18-37	MILLER		RP

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN

NAME: CABLE ASSEMBLY - SERVO UNIT - FOLLOW UP

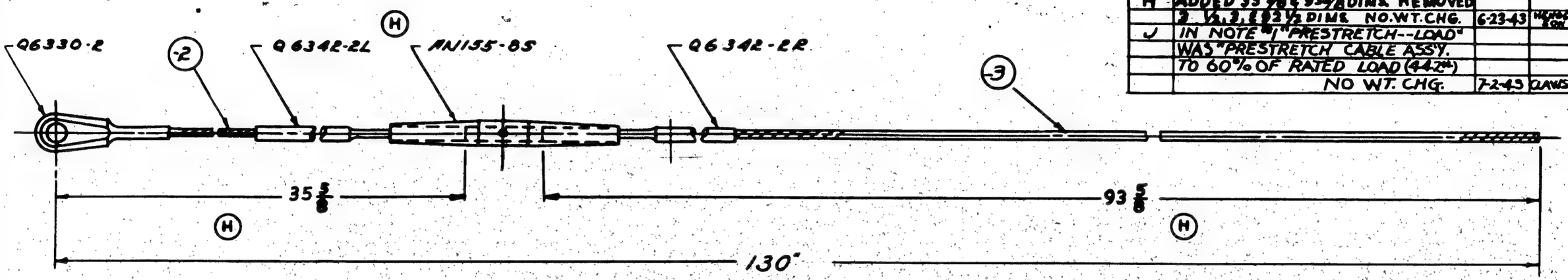
OPP. HAND

SIZE B

28C1121

NOTE:-
SEE DWG. Q6342 FOR SWAGING OPERATION ON TERMINALS.

SUPPLIES & EQUIPMENT CLASSIFICATION			
	ALTERATION	DATE	BY
C	TRACED TO DATE	2-16-37	[illegible]
D	AN155-83 WAS 2 REQD.	28-5ME 11-4-40	WIDGEON
E	ADDED ½ LIMIT ON DIM & CHANGED SPEC. TO R.P. WAS W.L.S.T.	1-30-41	EDMISTON
F	NOTE "2 WAS" CABLE TO BE COATED WITH R.P." NO WT. CHG.	4-30-42	[illegible] -30-42
G	IN NOTE #1 60% WAS 50% & (44.0") WAS(34.0") NO WT. CHG.	EO "A41084 4-28-43	HINES
H	ADDED 35 5/8 & 93 5/8 DIMS. REMOVED 3 ½, 2, & 2½ DIMS. NO WT. CHG.	6-23-43	HICKOX & COX
J	IN NOTE "1" "PRESTRETCH---LOAD" WAS "PRESTRETCH CABLE ASSY. TO 60% OF RATED LOAD (44.2#) NO WT. CHG.	7-2-43	DAWSON



(2)(3) 1/16 DIA. 7×7 FLEXIBLE STEEL CABLE SPEC. 22C2X

*NOTE:
1/16 DIA. 7×7 CABLE IS BEING FURNISHED BY SPERRY GYROSCOPE Co. WITH AUTOMATIC PILOT EQUIP.

NOTES
1. PRESTRETCH CABLE ASSY TO 288# WHICH IS 60% OF RATED LOAD (J) (G)
2. CABLE TO BE COATED WITH PARALKATONE SPEC. RM61 TYPE B AS PER SPEC. SR15C. (F)
3. MAKE -3 CABLE 6" OVER LENGTH TO ALLOW FOR INSTALLATION IN SHIP

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	U.S.C.G.	28C8001	2						
	28-5AHN	28C5750	2						
	28-5AHC	28C5750	2						
	28-5MN	28C5600	2						
	28-5MB	28C5500	2						
	28-5MC	28C8600	2				Q6342-2R	1	
	28-5MA	28C5500	2				Q6342-2L	1	
	PBY-5B	28C5500	2				Q6330-2	1	
	PBY-5	28C6086	2						
	PBY-5A	28C8564	2				# -3	1	
	PBY-1	28C1000	2	AN155-85	1		# -2	1	

C-91876
C-88476

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/8
[redacted]
APPROVAL KCW 2-10-37 DATE
CALC. WT. 2' ACT WT.
SCALE 12" = 1'-0"
AC
NAVY NOTED — MATERIAL
REQUIREMENTS PER AIRPLANE
NOTED — SPEC. | NONE — HEAT TREAT | NOTE #2 — FINISH
MAT.
PARTS LIST PER ASSY.

	DRAFT	CHECK	EXAM.	ENG.
WHR	5-13-36	2-10-37	MILLER	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME CABLE ASSEMBLY-SERVO UNIT ENGAGING
OPP. HAND
DWG. B SIZE 28C1122

28C1122

R

28C1123

E.O. ATION	LET.	ALTERATION	DATE	BY
E.O A39681	M	IN NOTE "1-442" WAS 552". NO WT CHG	6-3-38	SEE BOX
	N	REMOVED NOTE "SWAGE THIS ... DRUM"	"	"
		NO WT. CHG.	12-28-38	SEE BOX

C.O.6983

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED UP TO DATE	1-19-37	NELSON
D	PROOF LOAD WAS 600# NOW 442#	3-3-38	WEIR
E	REMOVED NOTE "SEE DWG Q6342	"	"
	FOR SWAGING OPERATIONS"	"	"
F	REMOVED NOTE " DIMENSIONS GIVEN	"	"
	ARE APPROX. NOTIFY ENG. ETC."	"	"
G	ADDED NOTE " SWAGE AS PER	"	"
	SPEC T-46b	3-3-38	WEIR
H	CABLE SPEC. 49C11 CL. A WAS 22C4	7-19-38	WHITAKER
J	288# WAS 250#	10-30-40	ELVEN
K	REMOVED "APPROX" FROM DIMS.	1-28-41	EDMISTON
L	REVISED MAT'L REQ. FOR -4 & -5. 552#		
	WAS 288# REVISED NOTE #2. NO WT.		
	CHG.	7-11-42	

(N)

Q6342-3R — 28C1050 — 28C1051 — 28C1051 — E.O. 22607 A — E.O. A39681

28C1030 — Q6342-3R

BOTH ENDS TO HAVE R.H. THREADS.

SWAGE END

(H)

(4) 1/32 7X7 CARBON TINNED STEEL CABLE SPEC ANRR-C-93 (L)

(5)

148 15/16" (12'-4 15/16") FOR -2 ASSEMBLY (ELEV.)

143 5/8" (11'-11 5/8") FOR -3 ASSEMBLY (RUDDER)

NOTES:-

1. PRESTRETCH CABLE ASS'Y TO 442# (M) (J) WHICH IS 60% OF RATED STRENGTH (D)
2. CABLE TO BE COATED WITH PARALKATONE SPEC. RM 61 TYPE 'B' PER SPEC. SR 15C. (L)
3. SWAGE AS PER SPEC. T-46b

(F)

(G)

SEE RELEASE SHEET

-1	PBY-5	28C1070								
-2	PBY-5	28C1070								
-3	PBY-4	28C1070								
-2	PBY-4	28C1070								
-3	PBY-3	28C1070						Q6342-3R	2	2
-2	PBY-3	28C1070							"	
-3	PBY-2	28C1070						28C1051	2	2
-2	PBY-2	28C1070						28C1050	2	2
-3	PBY-1	28C1070						-5		1
-2	PBY-1	28C1070						-4	1	
						LH REQ.	RH REQ.	PART NO.	LH -2 REQ.	RH -3 REQ.

-3	PBY5A	28C1070	IEA							
-2	PBY5A	28C1070	IEA							
QK	MODEL	NEXT ASS'Y	REV	O.M.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQUIREMENTS PER AIRPLANE	MAT.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/8

[redacted]

2 Cy 1-19-37
APPROVED DATE

CALC. WT. ACT. WT.

SCALE 12" = 1'-0"

AC				WEIR	
NAVY NOTED	NOTED	NONE	NOTED	3-5-36	2-10-37
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK

PARTS LIST FER ASSY.

EXAM — ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME CABLE ASS'Y - FLAP CONTROL - THRU GEAR BOX

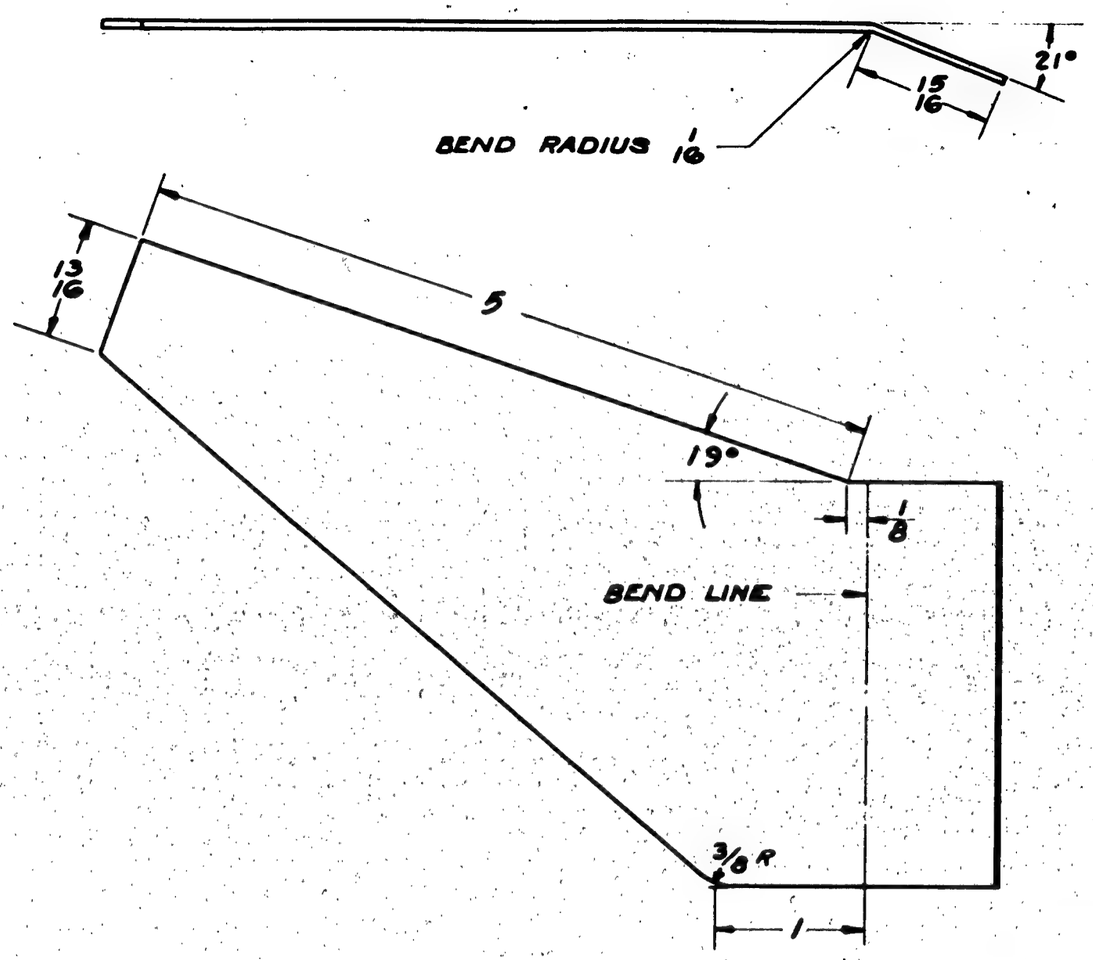
OPP HAND

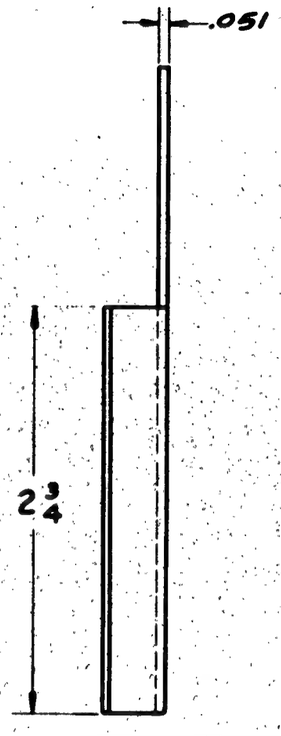
DWG B SZ

28C1123

R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-24-36	STIER





28C1129 L.H. SHOWN
28C1129-1 R.H. OPPOSITE

G.P. GREEN PRIME

FINISH CODE

C	[redacted]		

-R	PBY-5B	28C1010	1									
-L	PBY-5B	28C1010	1									
-R	PBY5A	28C1010	1									
-L	PBY5A	28C1010	1									
-1	PBY-2	28C1010-1		-1	PBY-4	28C1010-1						
	PBY-2	28C1010			PBY-4	28C1010						
-1	PBY-1	28C1010-1		-1	PBY-3	28C1010-1						
	PBY-1	28C1010			PBY-3	28C1010						
O.H.	MODEL	NEXT ASSY.	REQ.		MODEL	NEXT ASSY.	PART NO.			LH REQ.	RH REQ.	

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −

[redacted]

APPROVED [redacted] 12-24-36 DATE

CALC.WT. .07 ACT.WT.

SCALE 12" = 1'-0"

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC			G.P.	9-12-36	Stan Cu		
NAVY AL. ALLOY SH.	47A10	SR53 cond.T	Z-P-2	SYREK 12-28-36	MILLER	R	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME BRACKET SURFACE CONTROLS REINFORCEMENT BLKH'D #2

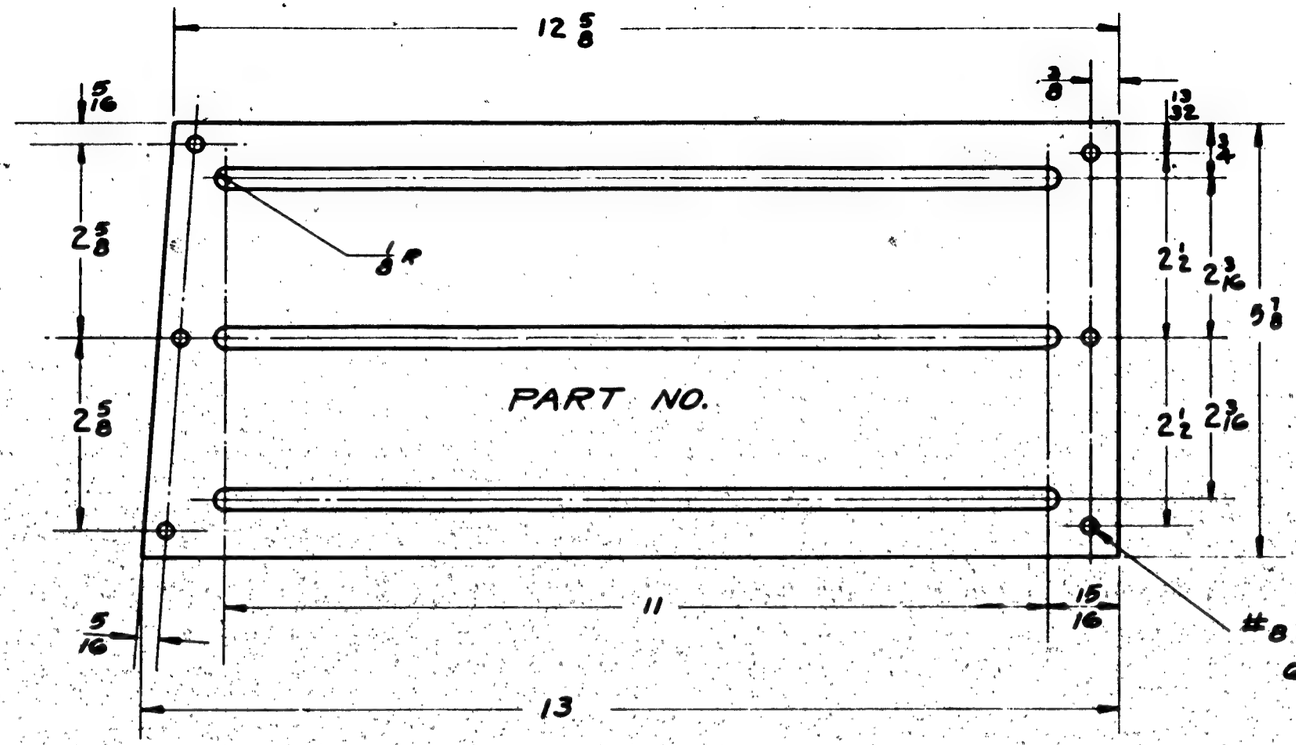
OPP. HAND 28C1129-1

SIZE B

28C1129

PHILLIPS-HERRESHOFF CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-24-36	STIER



C-88476

	PBY-5B	28C1001	1							
	PBY-5A	28C1001	1							
	PBY-1	28C1001	1							
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.					
AC					5-26-36	Stier	Cm			
NAVY 3/16 PHEN. LAM.	17PS GRade	NONE		NONE	HALK	12-28-36	MILLER	R		
MATERIAL	SPEC.	HEAT TREAT		FINISH	DRAFT	CHECK	EXAM.	ENG.		

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED 12-24-36 DATE

CALC. WT. .07 ACT. WT.

SCALE 6" = 1'-0"

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME GUIDE SERVO UNIT CABLE

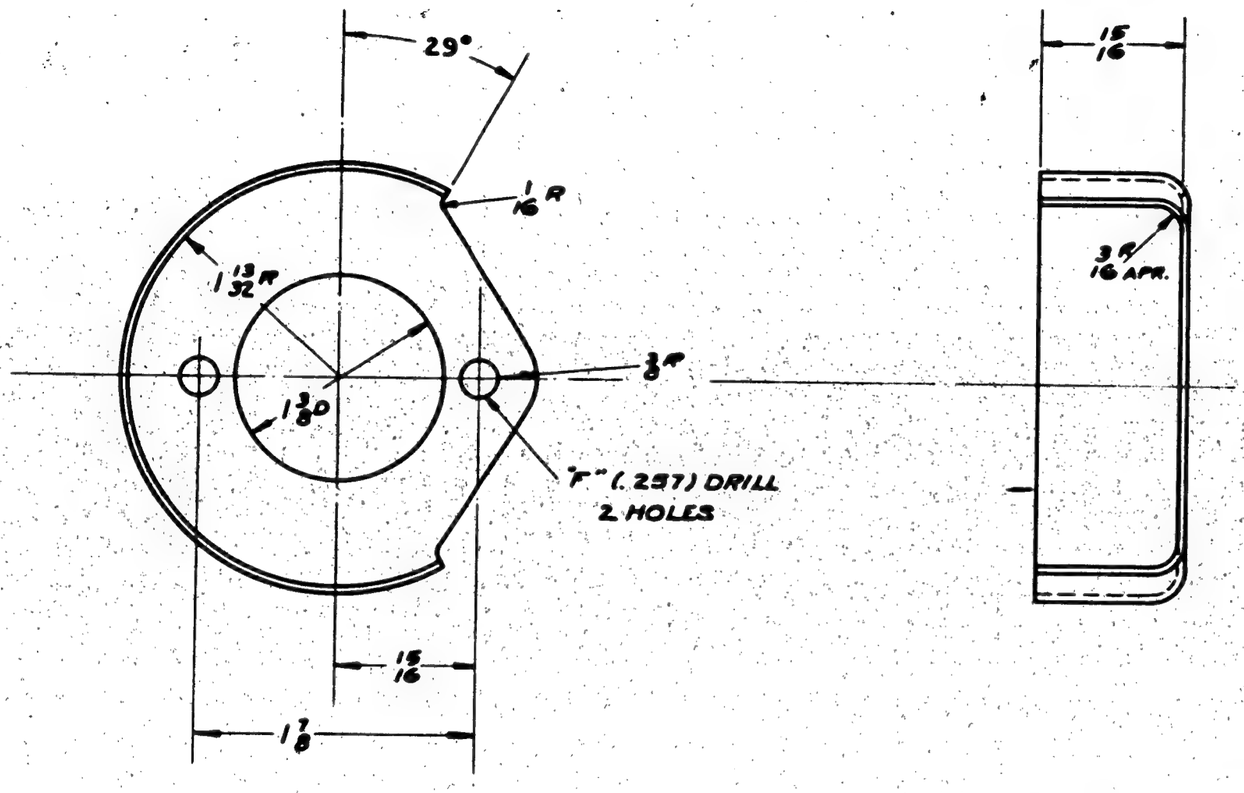
OPP. HAND

SIZE B 81122

28C1132

SULLIVAN-DREESBACH CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-24-36	STIER



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP- GREEN PRIMER

C-88476

REPLACES												
REPLACED BY												
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32												
[redacted]				PBY-5B	28C1001	1						
				PBY-5A	28C1001	1						
				PBY-1	28C1001	1						
APPROVED [redacted] DATE 12-24-36			O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
-01 CALC.WT.	ACT.WT.		REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				
SCALE 12" = 1'-0"								6-15-36	Stier	Co		
[redacted]			CONDA									
NAVY.240 AL. ALLOY SH.			F280 M202	NONE		Z-P-2[illegible] GP		MALK 12-28-36	MILLER	R		
MATERIAL			SPEC.	HEAT TREAT		FINISH		DRAFT	CHECK	EXAM.	ENG.	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME

GUARD
SERVO UNIT PULLEY

OPP. HAND

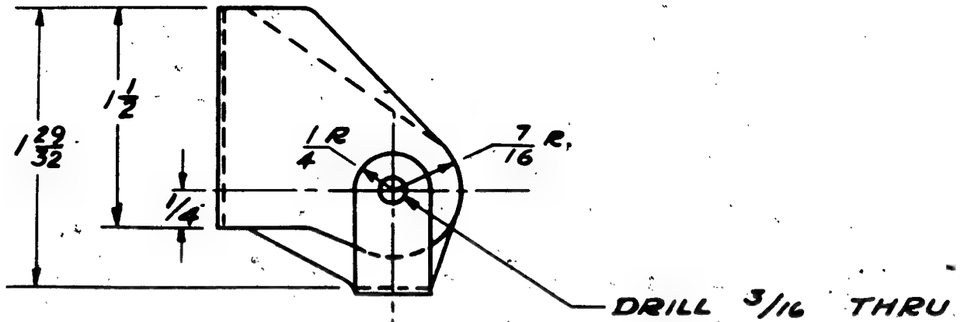
DWG. B SIZE 28C1136

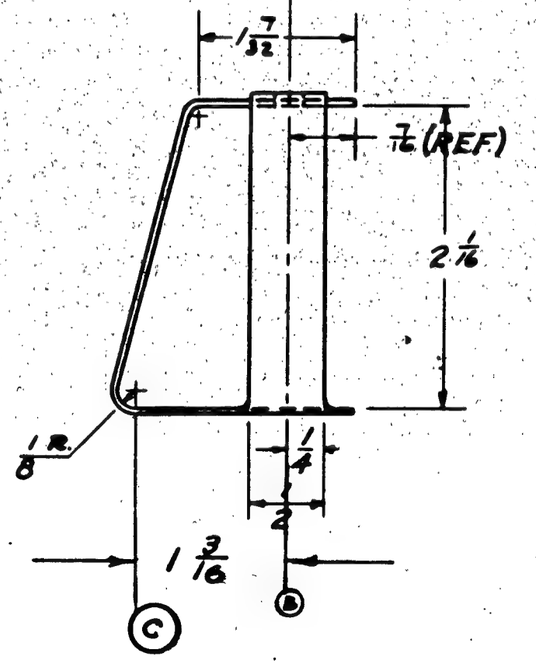
SULLIVAN-McKEEGAN CO., INC. BUFFALO
IMPERIAL VELLUM CLOTH

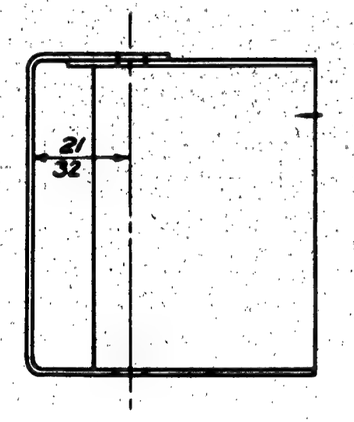
28-5 ME EO 31247

EO 31247A

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-28-36	R.D.S.
B	DIMENSIONS CHANGED. 7/32 WAS 3/16 & 1/2 WAS 1 3/16 WAS 1 15/32 & 76° REMOVED.	12-17-40	SOUTH.
C	ADDED 1 1/16 TO DWG	1-24-41	PROCES







FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP - GREEN PRIME

ALL BEND RADII 1/16 UNLESS NOTED

C-89476

LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS
						PBY-5B	28C1012	1	
						PBY-5A	28C1012	1	
						PBY-1	28C1012		

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

APPROVED 12-28-36 DATE

CALC. WT. 04 SHT ACT. WT.

SCALE 12" = 1'-0"

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC				52B-2	Sales			
NAVY 060 AL. AL. SH	AT A10 COND. A	SR. 53 COND. T	Z-P-2	SYRON	1-12-37	MILLER	R	
MATERIAL	SPEC.	HEAT TREAT	FINISH GP	DRAFT	CHECK	EXAM.	ENG.	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME BRACKET STA "2" - FOLLOW UP CABLES - PULLEY.

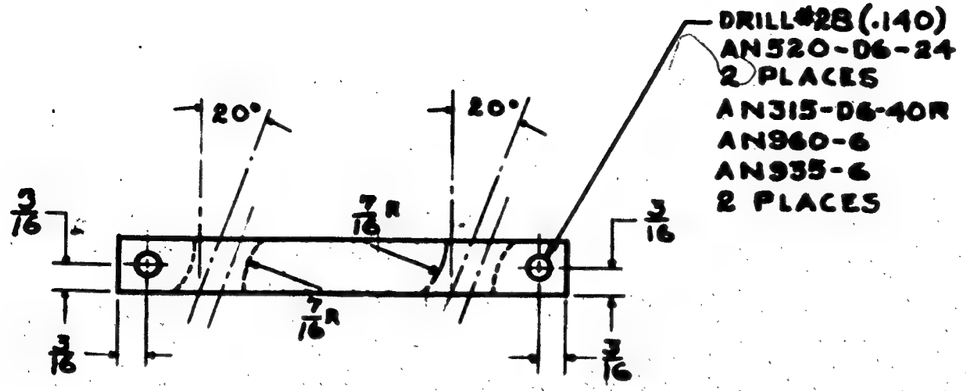
OPP. HAND

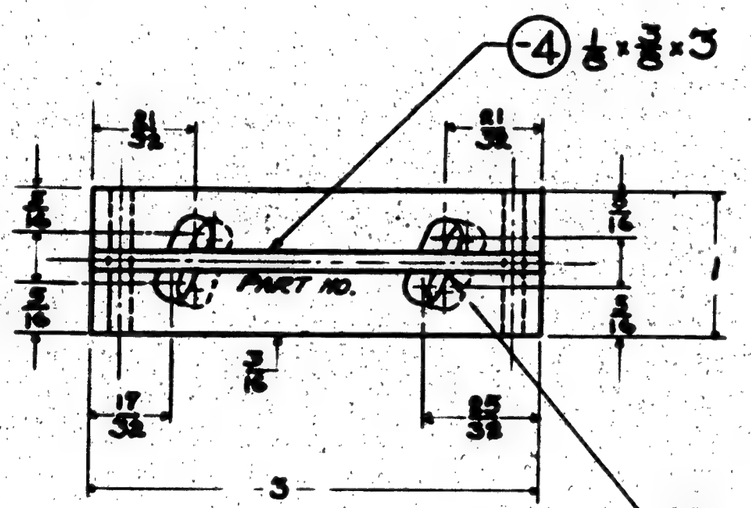
SIZE B DWG. 28C1137

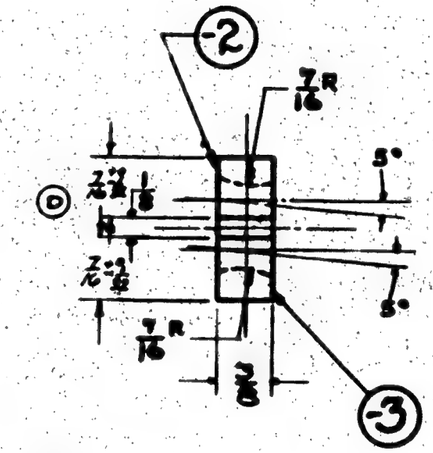
SULLIVAN-McKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED UP TO DATE	1-12-37	R.A.
D	DIM. 7/16 ± 1/32 WAS 1/2 (2 PLACES)	4-4-38	[illegible]
E	CHGD. ℄'S OF SLOTS IN FRONT VIEW TO AGREE WITH 5° DIM. NO WT. CHG	3-10-43	[illegible]

C.O. 7182







DRILL 1/4 4 HOLES
ELONGATE & ROUND
OFF AS SHOWN

"E" CHANGE PRE RELEASED 3-10-43

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5	28C1014	1						
	PBY-5B	28C1014	1						
	PBY-4	28C1014	1	AN935-6	2				
	PBY-3	28C1014	1	AN960-6	2		-4	1	
	PBY-2	28C1014	1	AN315-D6-40R	2		-3	1	
	PBY-1	28C1014	1	AN520-D6-24	2		-2	1	

REPLACES:

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED [illegible] 1-13-37 DATE

.04 CALC. WT. ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY LAMINATED PHENOLIC MAT'L

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.
14 PS TYPE P86	NONE	NONE	
SPEC.	HEAT TREAT	FINISH	

WEIR			
6-1-36	1-13-37	[illegible]	
DRAFT	CHECK	EXAM.	ENG.

NAME FAIRLEAD - FLAP CONTROL CABLES - BULKHEAD #4

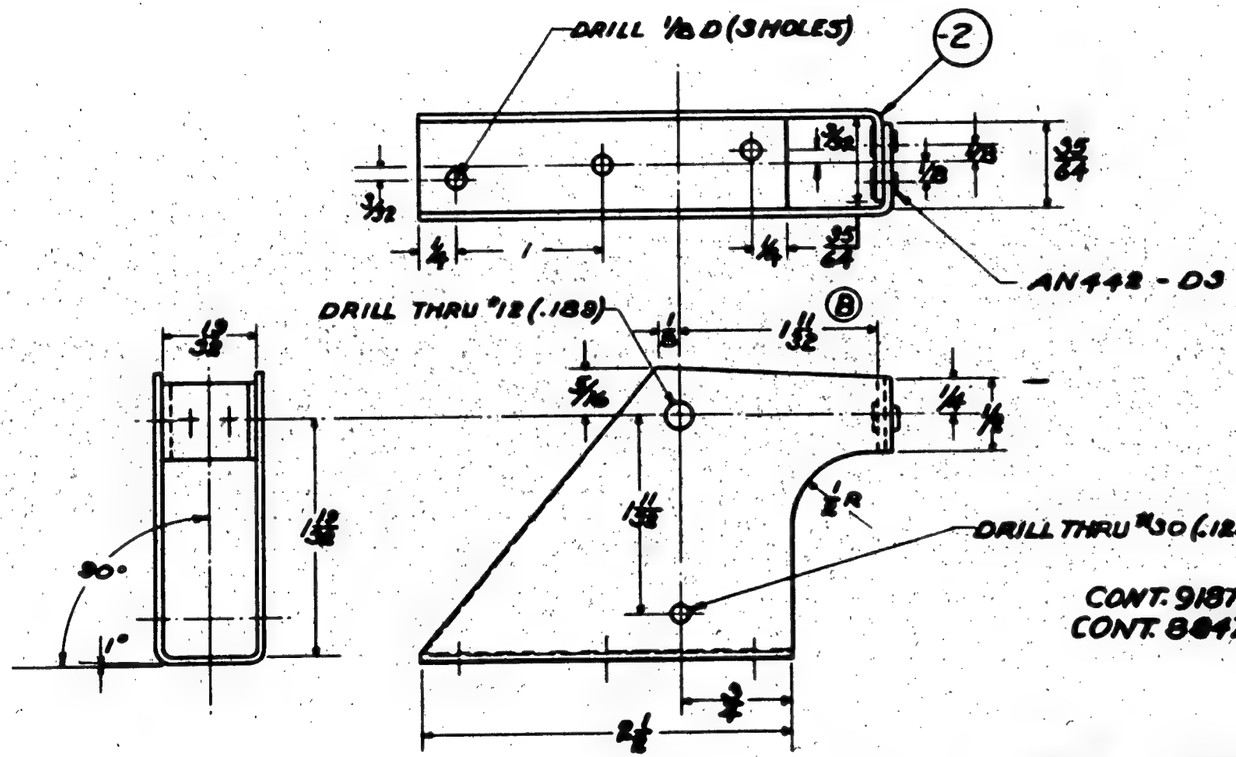
OPP. HAND

SIZE B

28C1141

SULLIVAN-SCHREIBER CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-29-36	R A
B	1 3/32 DIM. WAS 1 5/16 WT. CHG. NOTE	2-21-42	[illegible]



NOTE: ALL BEND RADII 3/64

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIME

CONT. 91876
CONT. 88476

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5	28C1013	1						
	PBY-5A	28C1013	1						
	PBY-5B	28C1013	1						
	28-5AMN	28C1013	1						
	28-5AMC	28C1013	1						
	28-5MC MN	28C1013	1						
	28-5MC ME	28C1013	1						
	PBY-1	28C1013	1	AN442-03	R		-2	1	

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES	APPROVED [signature]	DATE 12-29-36
REPLACED BY		
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010	.04 CALC. WT.	ACT. WT.
SCALE 12" = 1'-0"	AC	
	NAVY 2000 AL. ALLOY SHEET	
	MATERIAL	

47A10 Comb A (24ST)	3R-53 COND T	Z-P-P	GP
SPEC.	HEAT TREAT	FINISH	

DRAWN	TRACED	CHECK	ENG.
6-4-36	1-12-37	Miller	R

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME PULLEY HOUSING - BHD #3
GYRO PILOT-SERVO CONTROL CABLE UPPER

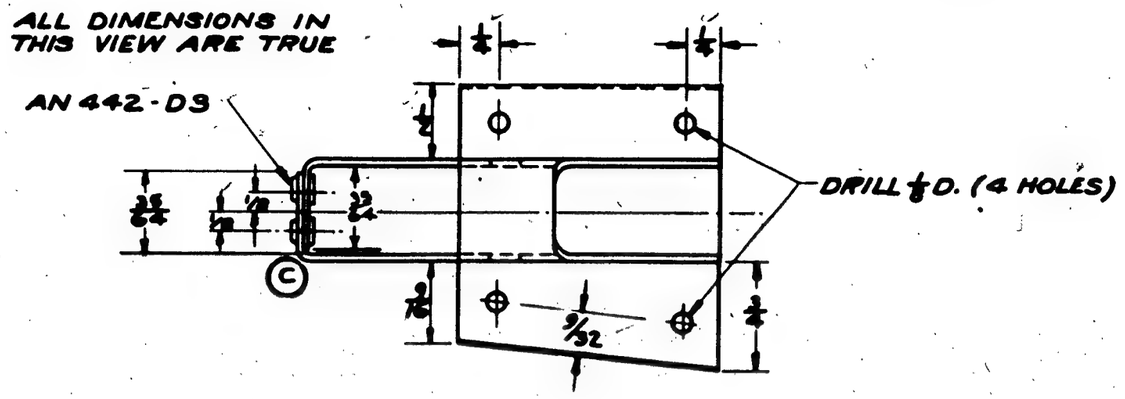
OPP. HAND

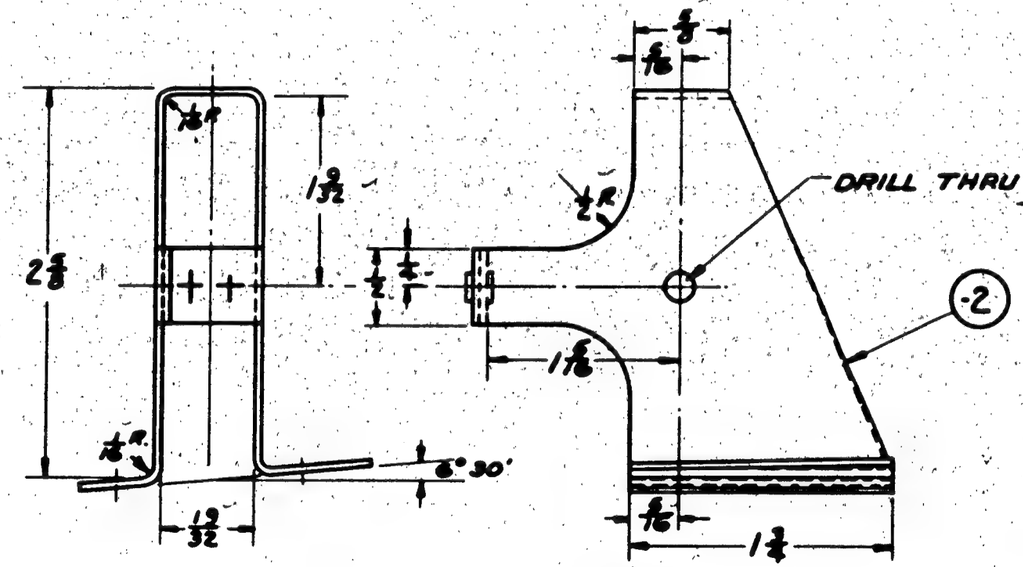
SIZE B

28C1142

LET	ALTERATION	DATE	BY
B	TRACED	12-28-36	GTH

ALL DIMENSIONS IN THIS VIEW ARE TRUE





FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP- GREEN PRIME

	28-5AMM	28C1013	1									
	28-5AMC		1									
	28-5MN		1									
	28-5ME		1									
	28-5MC		1									
	28-5MA		1									
	PBY-5B	28C1013	1									
C-91876 →	PBY-5	28C1013	1									
C-88476 →	PBY-5A	28C1013	1	C-88476								
	PBY-1	28C1013	1	AN442-D3	2		-2	1				
O.M.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.			

REPLACES							
REPLACED BY							
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010							
APPROVED 12-29-36 DATE							
.04 CALC.WT.	ACT.WT.						
SCALE 12" = 1'-0"		REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.		
AC					6-1-36	Stiles	
NAVY 24ST ALCLAD SHEET		ALCLAD 24ST (2450)	SR-53 'COND T	Z-P-2450Y	YATER 1-12-37	Millen	
MATERIAL		SPEC.	HEAT TREAT	FINISH GP	DRAFT	CHECK	EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP FT. No. WHERE SHOWN

NAME PULLEY HOUSING - BHD #3 GYRO PILOT-SERVO CONTROL CABLE LOWER

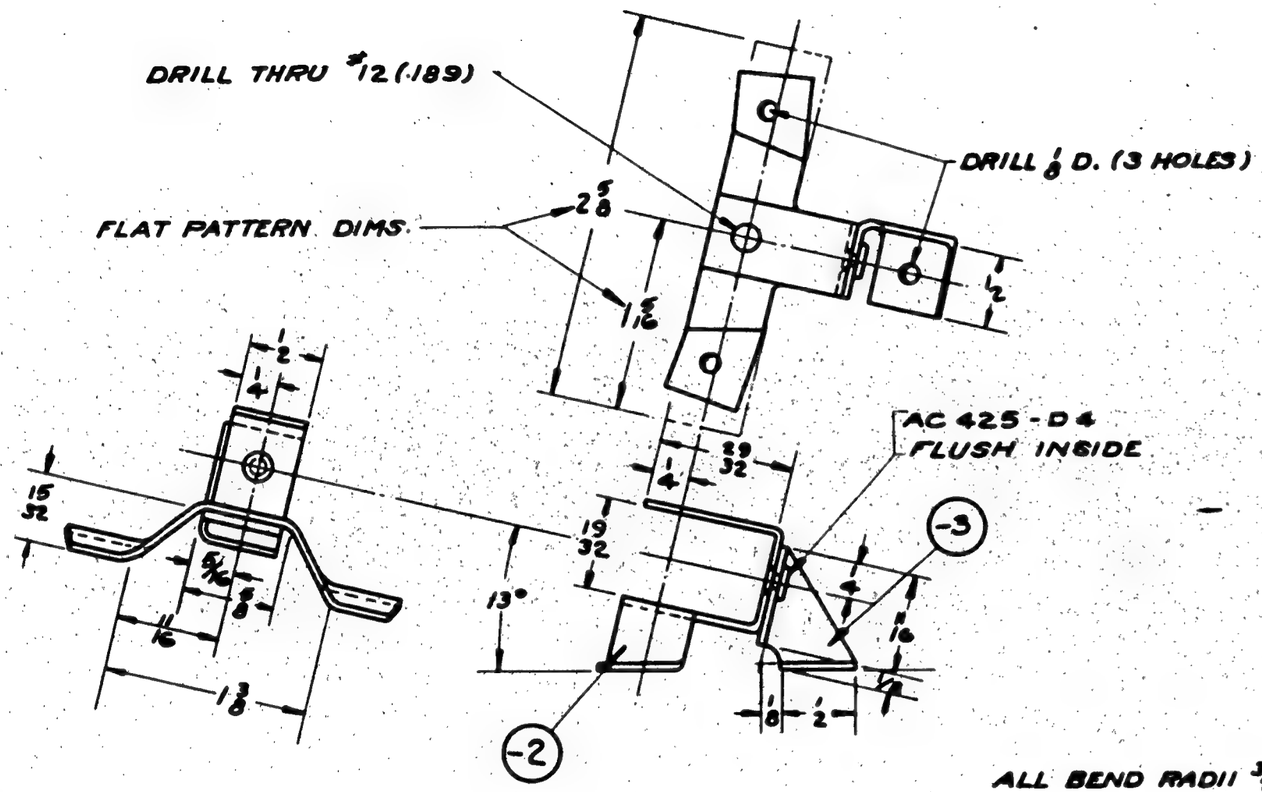
OPP. HAND

SIZE B

28C1143

SULLIVAN-McKEEHAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-28-36	STER



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP- GREEN PRIME

ALL BEND RADII 3/64

C-88476

	PBY-5B	28C1013	1							
	PBY-5A	28C1013	1					-3	1	
	PBY-1	28C1013	1	AC 425-D4	1			-2	1	
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.		LH REQ.	RH REQ.

REPLACES				
REPLACED BY				
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010				
APPROVED 12-28-36 DATE	.02 CALC.WT.	ACT.WT.	SCALE 12" = 1'-0".	REQUIREMENTS PER AIRPLANE
AC				
NAVY.060 AL ALLOY SH.	4TA10 CONDA(2456)	SR53 (COND.T)	Z-P-2	GP
MATERIAL	SPEC.	HEAT TREAT	FINISH	

MAT. — PARTS LIST PER ASSY.

6-1-36	Stier	Cm	
YATER 1-12-37	MILLER		R
DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME PULLEY HOUSING B'LKH'D #3 - GYRO PILOT-SERVO CONTROL CABLE - MIDDLE

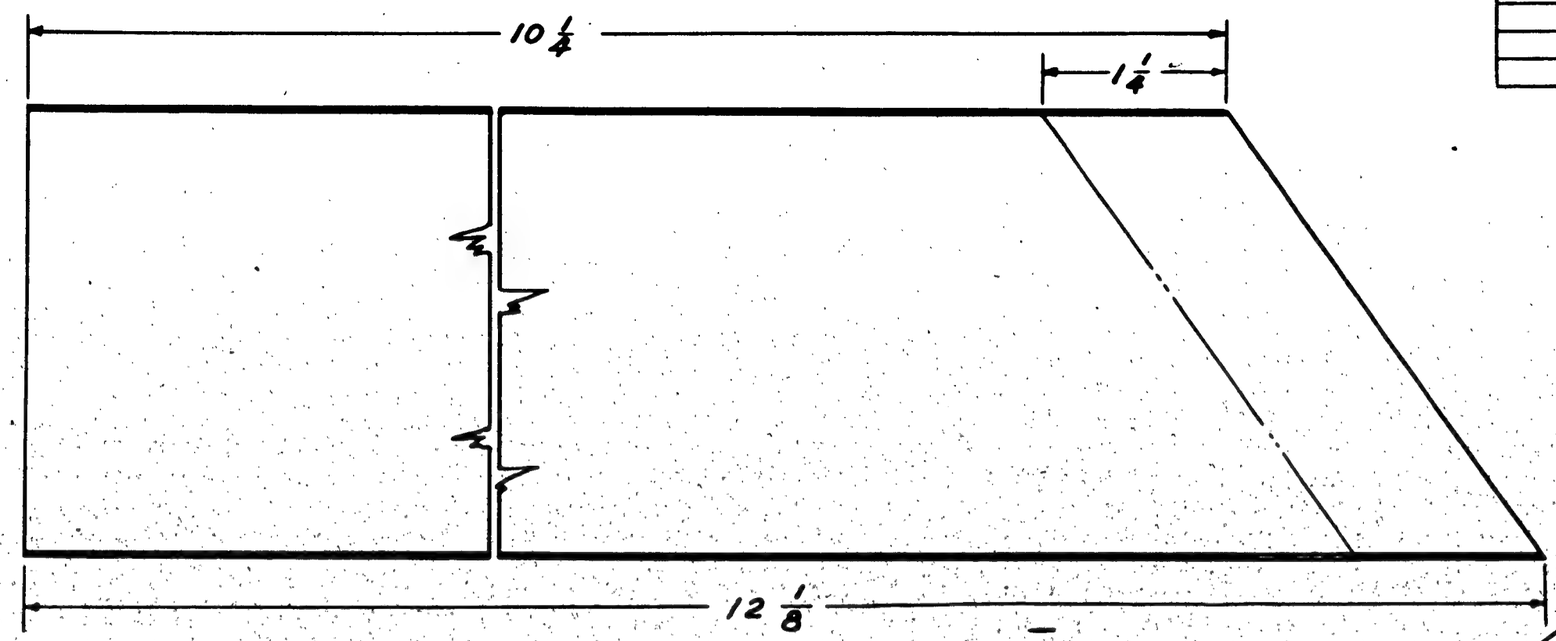
OPP. HAND

SIZE B

28C1144

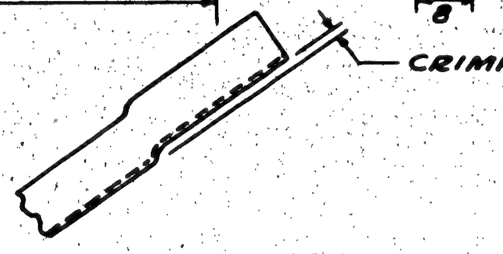
CONSOLIDATED AIRCRAFT CORP. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED -	12-28-36	BDS



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

EP-GREEN PRIME



BEND RADII 1/16

CONTRACT #8847
(S.O.953-13&-18)

	PBY-5B	28B1200	1							
	PBY-5A	28B4162	1							
	PBY-1	28D1200	-1							
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −

APPROVED 12-28-36 DATE

CALC.WT. .10 SHN. ACT.WT.

SCALE 12" = 1'-0"

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC

NAVY .030 AL. AL. SH | ST A10 COND-A | SR53 COND.T | Z-P2 GP

MATERIAL | SPEC. | HEAT TREAT | FINISH GP

DRAFT	CHECK	EXAM.	ENG.
6-8-36 Klein			
SHAW 1-12-37	MILLER		R

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME

CHANNEL - FOLLOW-UP CABLES STA #2 REINF.

OPP. HAND

DWG. B SIZE

28C1146

CONSOLIDATED AIRCRAFT CORP., BUFFALO
IMPERIAL TRACING CLOTH

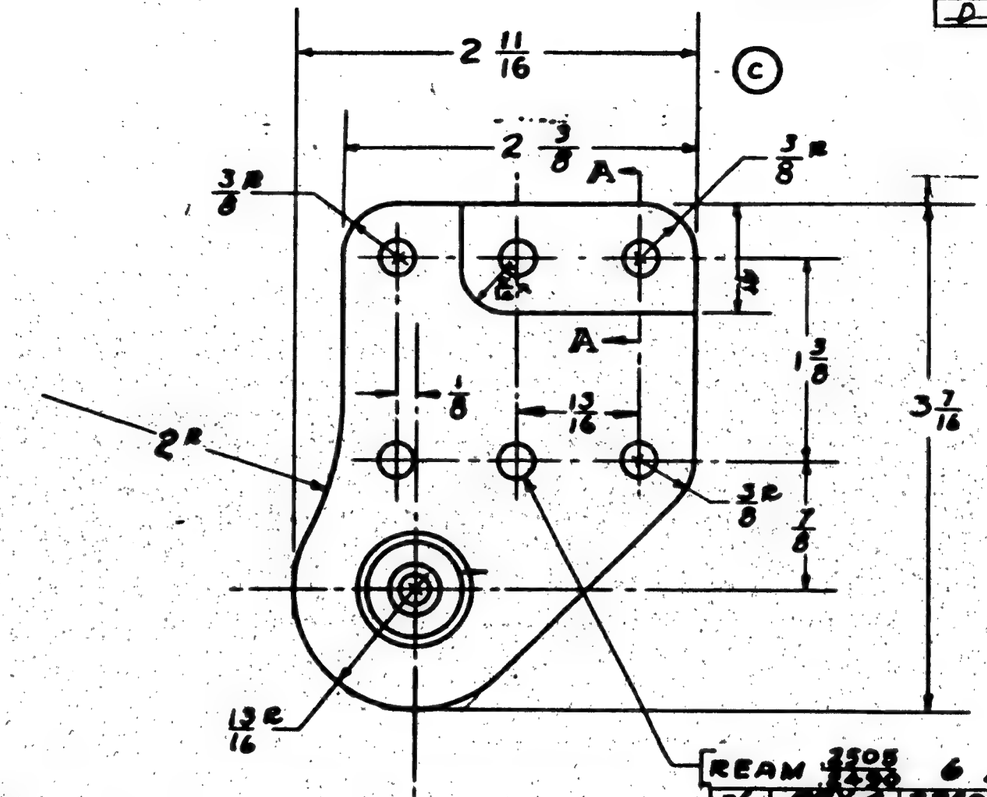
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-28-36	BDS
B	FINISH WAS 2P-2 AKV	2-26-37	[illegible]
C	CHG DESIGN AT CORNER. WAS [illegible]	[illegible]	[illegible]
	SPOTFACED - REMOVE SPOTFACE		
	NOTE ON FC. DWG.		
D	REVISED & REDRAWN (NEW DWG. [illegible]	[illegible]	[illegible]

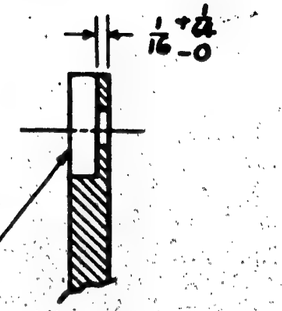
E.O. A 1100
PBY-5A28-5A

(-3) .250 ALUM. ALLOY SHT.
(-2) SPEC. 47A10 COND.T.
(ALLOY 24 T.)

REAM .7764 / .7739

AN 200-K3 BALL BRG.
PRESS MIDWAY INTO SHEET.
STAKE IN PLACE





SECTION A-A

-2 PART SHOWN
OPP. SIDE
FOR -3 PART

REAM .2505 / .2490 6 HOLES

				-1	PBY-2	28C003							
					PBY-4	28C003							
SAME FOR PBY-5B	-R	PBY-5, 5A	28C004	-1	PBY-3	28C004	1						
	-L	PBY-5, 5A	28C004		PBY-3	28C004	1						
	-9	128-5	28C004	-1	PBY-2	28C004	1						
	-9	DA-10	28C004		PBY-2	28C004	1						
				-1	PBY-1	28C004	1				-3		1
					PBY-1	28C004	1	AN200-K3	1	1	-2	1	
				O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS +

[redacted]

APPROVED 12-28-36 DATE
CALC. WT. .18 ACT. WT. .3NA
SCALE 12" = 1'-0"

AC			ON-2&-3	WEIR	Starr		
NAVY NOTED	NOTED	NONE	C-P-2 BKE DULL	10-7-36	12-28-36	MILLER	R
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

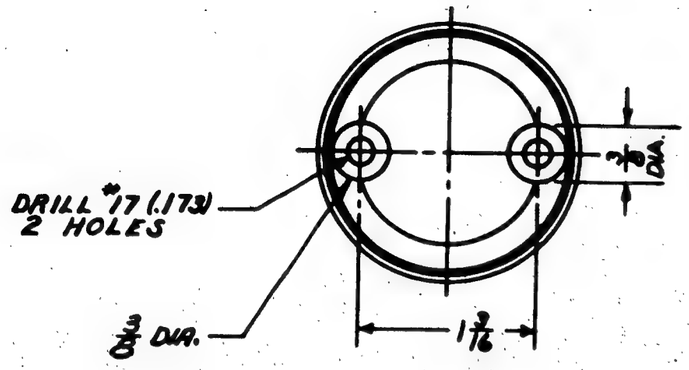
NAME HOUSING - CONTROL YOKE BEARING

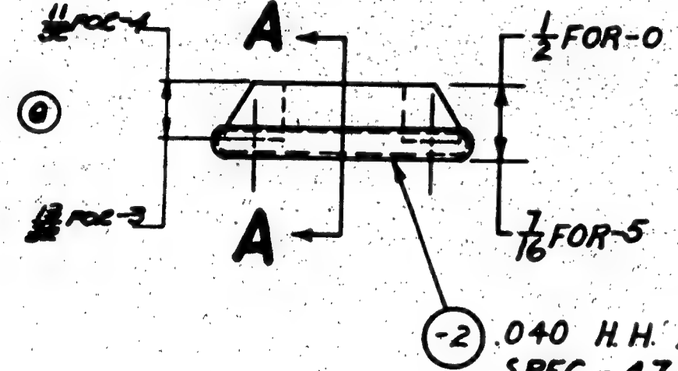
OPP. HAND 28C1154 [illegible]
SIZE B 28C1153

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
F	TRACED UP TO DATE	2-9-38	[redacted]
G	ADDED DIMS. FOR DEPTH OF COUNTERBORE IN -3 & -4	[redacted]	

G.P. GREEN PRIME

FINISH CODE	
Z	[redacted]
P	[redacted]
AP	[redacted]
C	[redacted]





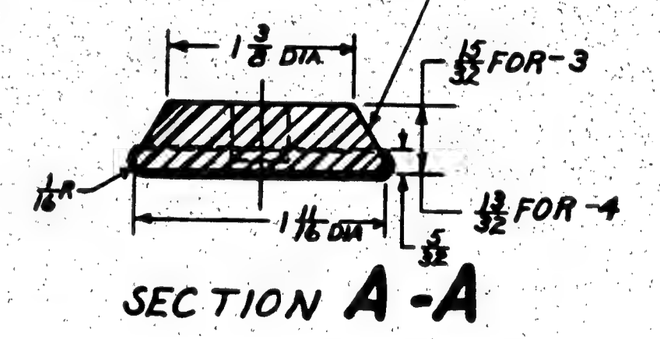
(-2) .040 H.H. ALUM. SHEET
SPEC. - 47A2 H.H.
FINISH - Z - P - 2 [redacted] G.P.

REPLACES		XCW APPROVED	2-9-38 DATE
REPLACED BY		.09 CALC. WT.	2 MA ACT. WT.
LIMIT ON ENGINEERING DECIMALS	1/32 ±	1" = 1'-0"	

[redacted]

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-5	PBY-5	[redacted]	2														
	PBY-5		1														
	PBY-5		1														
-5	PBY-5		2														
	PBY-5		2														
	PBY-5		1														
	PBY-5		1														
-5	PBY-5		2														
	PBY-5		2														
	PBY-5		1														
	PBY-5		1														
-5	PBY-5		2														
	PBY-5		2														
	PBY-5A		1														
	PBY-5A		1														
-5	PBY-5A		2														
	PBY-5A		2														
	PBY-4	28C2023	1														
	PBY-4	28C2022	1														
	PBY-4	28C2017	1														
-5	PBY-4	28W2010-4	1														
	PBY-4	28W2010-1	1														
-5	PBY-4	28W2010	1														
	PBY-4	28W2010	1														
	PBY-3	28C2023	1														
	PBY-3	28C2022	1														
	PBY-3	28C2017	1														
-5	PBY-3	28W2010-1	1														
	PBY-3	28W2010-1	1														
-5	PBY-3	28W2010	1														
	PBY-3	28W2010	1														
	PBY-2	28C2023	1														
	PBY-2	28C2022	1														
	PBY-2	28C2017	1														
-5	PBY-2	28W2010-1	1														
	PBY-2	28W2010-1	1														
-5	PBY-2	28W2010	1				28C2021-4			1							
	PBY-2	28W2010	1				28C2021-3	1									
							28C2021-2	1		1							

MOULDED RUBBER - 40% (-3)
PURE DUPRENE OR EQUIV. (-4)
SPEC. GRAVITY - 1.3 MAX.
HARDNESS - 40 - 50 SHORE DUROMETER



SECTION A-A

REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.	-0	-5			
AC				[redacted]			
NAVY				2-25-36		MILLER	R
MATERIAL NOTED	SPEC. NOTED	HEAT TREAT NONE	FINISH NOTED	DRAFT	CHECK	EXAM.	ENG.

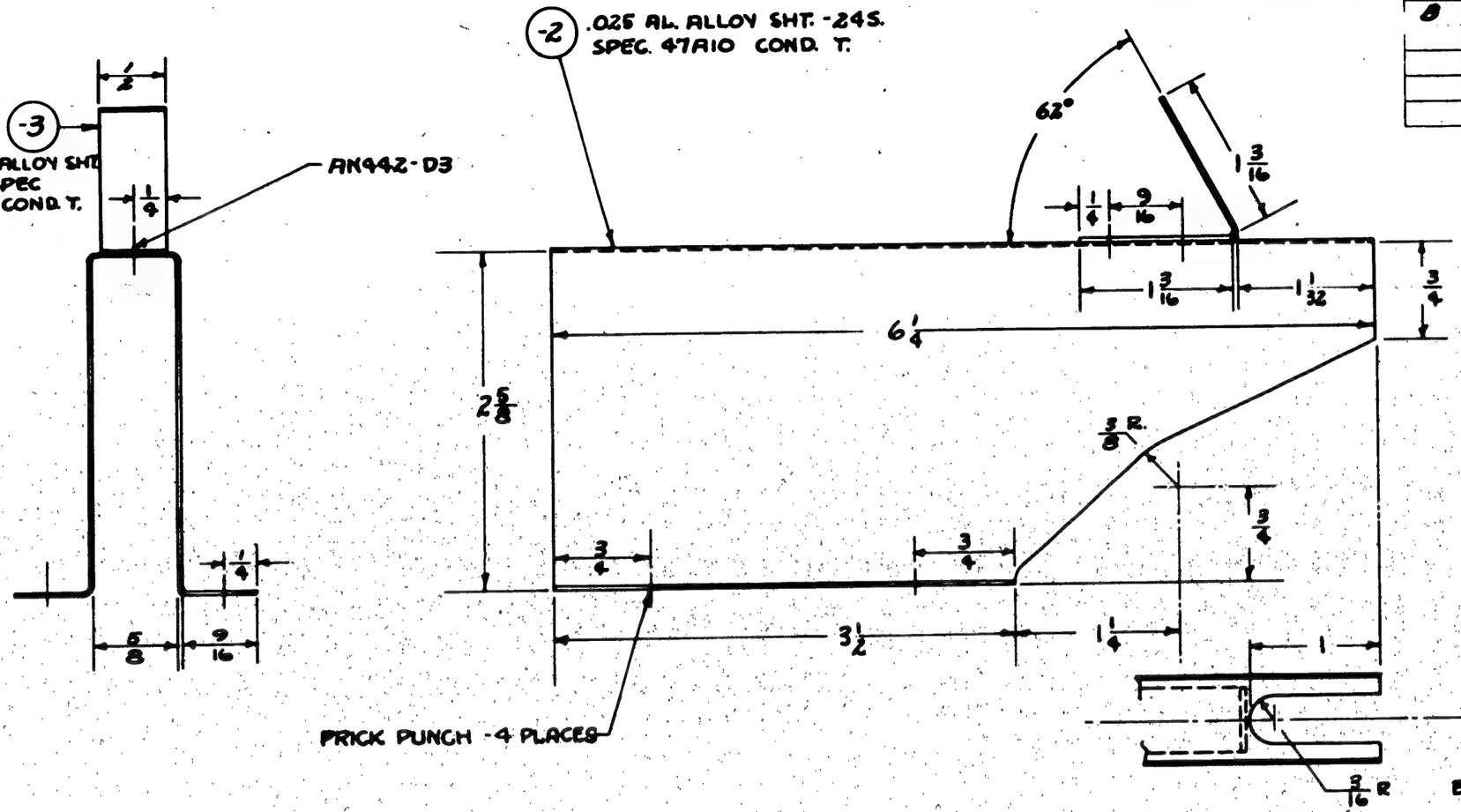
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

NAME BUMPER - SURFACE CONTROLS - ELASTIC STOP

[redacted] - 5 ASSY

DWG. B 28C2024

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-2-38	ROSE
B	REMOVED PBY-5A, OA-10 & 28-SAMC REQUIREMENTS	9-16-41	WITEK



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIME

REPLACES	APPROVED	DATE
		2-2-38
REPLACED BY	CALC. WT. .09 lbs.	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12" = 1'-0"	

[redacted]

D. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PBY-5B	28C2008	2														
	PBY-4	28C2008	2														
	PBY-3	28C2008	2				-3	1									
	PBY-2	28C2008	2	AN442-D3	2		28C2024 -2	1									

REQUIREMENTS PER AIRPLANE — 6 ✓ MAT. — PARTS LIST PER ASSY.

H.W.H. 2-12-38

A C				2-12-38			
NAVY NOTED	NOTED	NONE	Z-P-2 Rec GP	C.C.A.		C.C.A.	R.
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. NO. WHERE SHOWN

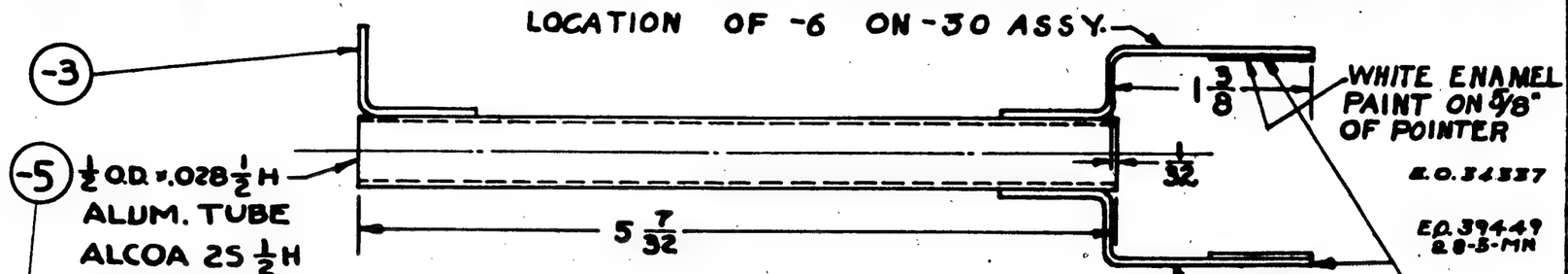
NAME GUARD-CONTROLS-INNER RUDDER IDLER PULLEY.

OPP. HAND

DWG. SIZE B

28C2024.

LOCATION OF -6 ON -30 ASSY.



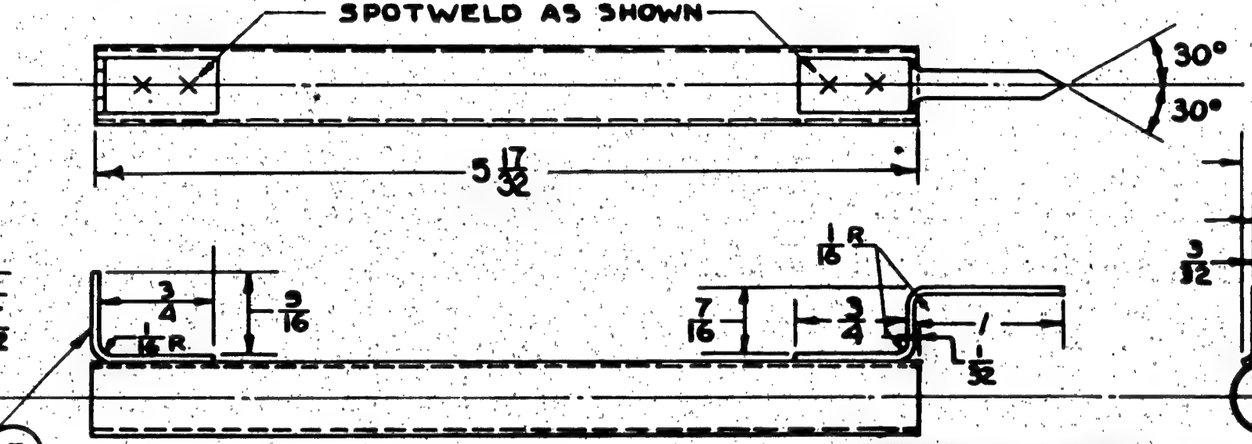
(-10) IDENTICAL TO -5 EXCEPT THAT LENGTH IS $5\frac{23}{32}$ INSTEAD OF $5\frac{7}{32}$ (H)

DETAIL OF -30 ASSY
(E) DETAIL OF -56 ASSY.

(-6) .040 ALCLAD SHT. SPEC. 47A8 CONDT
ALLOY A-24T
SAME AS -4 EXCEPT AS SHOWN

LOCATION OF -6 ON -56 ASSY.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED	2-11-38	WEIR
E	ADDED -56 ASSY. FOR 28-5-ME&MF	4-18-40	[illegible]
	WHERE -6 ROTATED 180° ON -5		
F	ADDED U.S.C.G. REQ TO B/M	10-30-40	[illegible] 27783
G	ADDED -55 ASSY FOR 28-5 MC,	4-10-41	[illegible]
	MA, ME, AMC, & MN.		
H	REPLACE -55 ASSY. (28-5-MN ONLY) WITH -58	5-10-41	HICKS
	EXCEPT THAT 28C2029-10 REPLACES -5		
	ADDED NOTE ON -10		



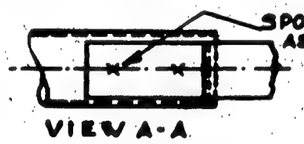
G.P. GREEN PRIME
FINISH CODE

Z	[illegible] TREATMENT
P	[illegible]
AP	[illegible]
C	[illegible]

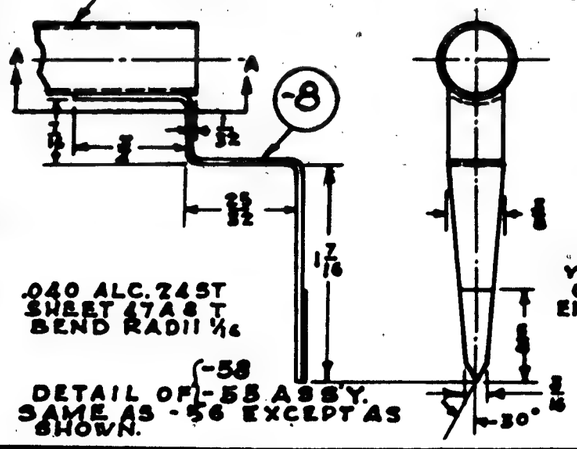
(-4) .040 SHEET ALCLAD (24ST) SPEC. 47A8

(-2) ½ O.D. x .028 ½ H ALUM. TUBE ALCOA 25 ½ H SPEC. 44T19

(-10) ON -58 ASS'Y.
(-5) ON -58 ASS'Y
.040 SHEET ALCLAD (24 ST) SPEC. 47A8
(-3)



VIEW A-A



C-77713
C-88476
CONTRACT # 70496

REPLACES	[redacted] APPROVED	2-11-38 DATE	
REPLACED BY	.03 CALC. WT.	3 H.A ACT. WT.	
1/32 LIMIT ON DIMENSIONS UNLESS ±	12" = 1'-0" SCALE		

[redacted]

(H)

-58	PBY-5B	28C2030	1																						1
-58	28-5MN	28C2030-59																							
-55	28-5AMC	28C2030-55																							
-57	28-5MA	28C2030-57																							
-55	28-5ME	28C2030-55																							
-56	U.S.C.G.	28C2030-56																							
-55	28-5MC	28C2030-55																							
-30	PBY-5A	28C2030-5, 1																							
-30	PBY-5	28C2030-59														-10									1
-30	PBY-4	28C2030-X														-8									1
-30	PBY-3	28C2030-X														-6	—		1			1			
	PBY-2	28C2030														-5	—		1		1		1		
-58	PBY-5A	28C2030	1													-4	1		—		-		—		
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH	RH								PART NO.		-3	1		1		1		1		1
					REQ.											28C2029-2	1		—		-		—		
	REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.												LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
																	PBV-2		-30		-56		-58		

NAVY NOTED	NOTED	NONE	G.P. Z-P-2 OUTSIDE	[illegible]		Ch.	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
				12-16-36		H.W.H.	R.

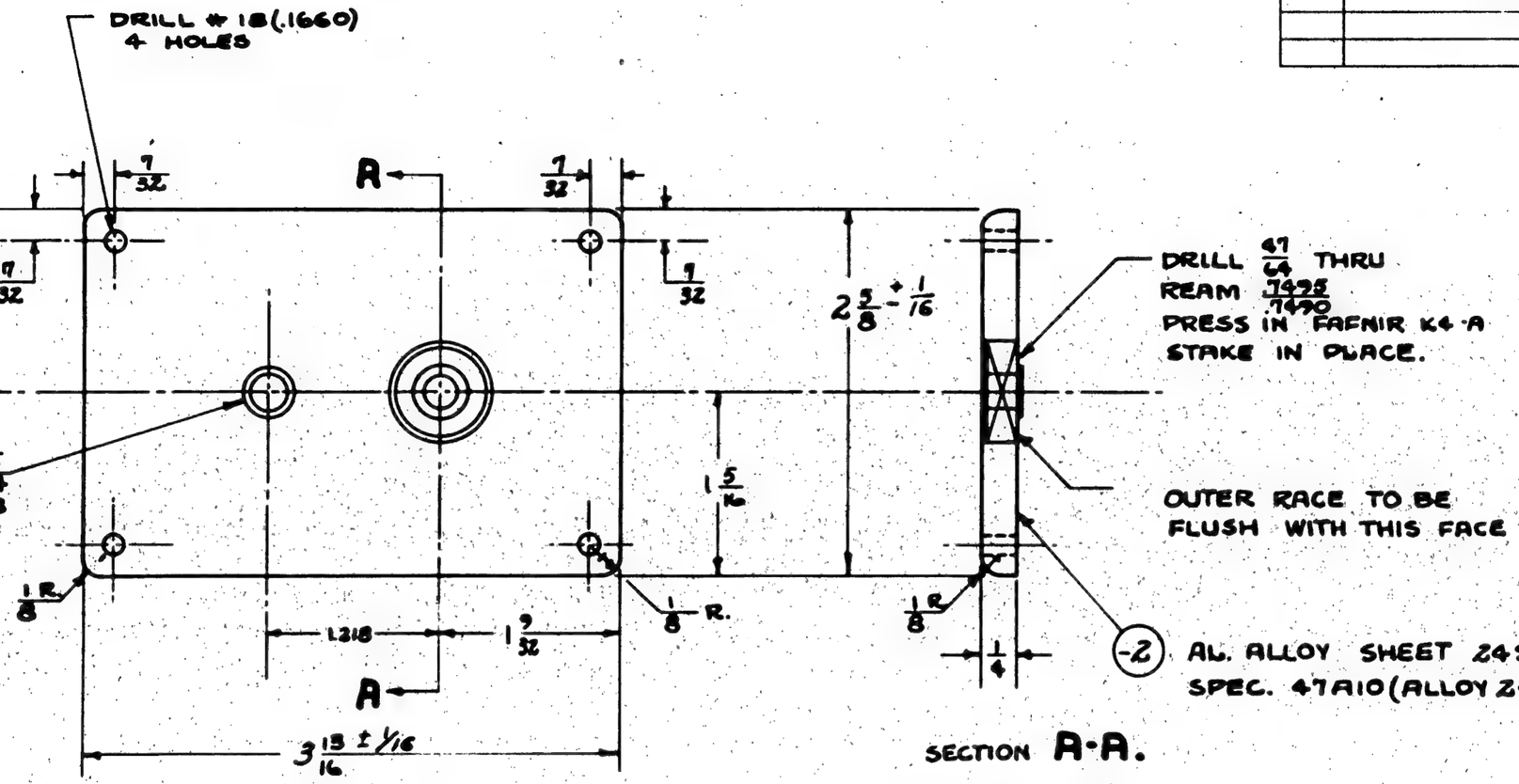
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

NAME POINTER ASSEMBLY AILERON TAB CONTROL

OPP. HAND

DWG. B SIZE 28C2029

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-10-38	Rosen
B	3 13/16 DIM. NOW 3 13/16 ± 1/16	7-8-40	MILLER
	2 5/8 ± 1/16 DIM. WAS 2 5/8		



SECTION A-A.

NOTES:

1. ALL HOLES MUST MATCH WITH 28C2031
2. FINISH: "Z"-"P" BEFORE PRESSING IN BEARINGS. AFTER, 2 COATS DULL BLACK ENAMEL.

FINISH CODE	
Z	CHROMIC TREATMENT
P	Alf Primer
ZP	[redacted]
C	[redacted]

	PBY-5B	28C2030	1																		
	PBY5A	28C2030	1																		
	PBY-5	28C2030						Q612-8-8	1												
	PBY-4	28C2030						28C2032-2	1												
	PBY-3	28C2030																			
	PBY-2	28C2030		FAFNIR K4 A	1 req.																
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH	RH	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				B MAT.	PARTS LIST PER ASSY.																

REPLACES	APPROVED	DATE
	RCW	2-10-38
REPLACED BY	CALC. WT.	ACT. WT.
	.27 SHR	
LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED: 1/32	SCALE 12"=1'-0"	

AC							
NAVY NOTED	NOTED	NONE	NOTED		Weir		Wish CN
MATERIAL	SPEC.	HEAT TREAT	FINISH		DRAFT	CHECK	EXAM.
					9-28-38		Miller

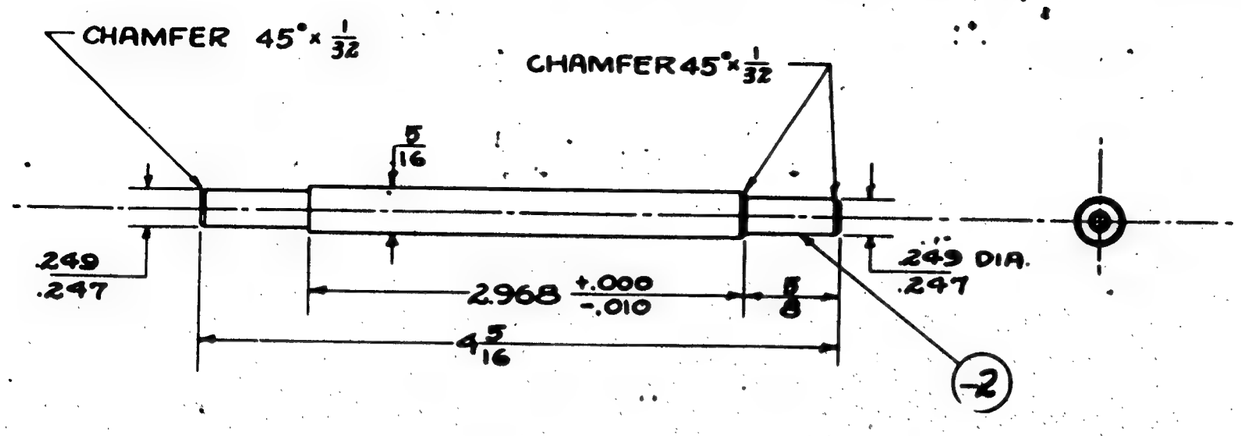
			ENG.
			R.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

NAME COVER-AILERON TAB CONTROL-GEAR BOX.

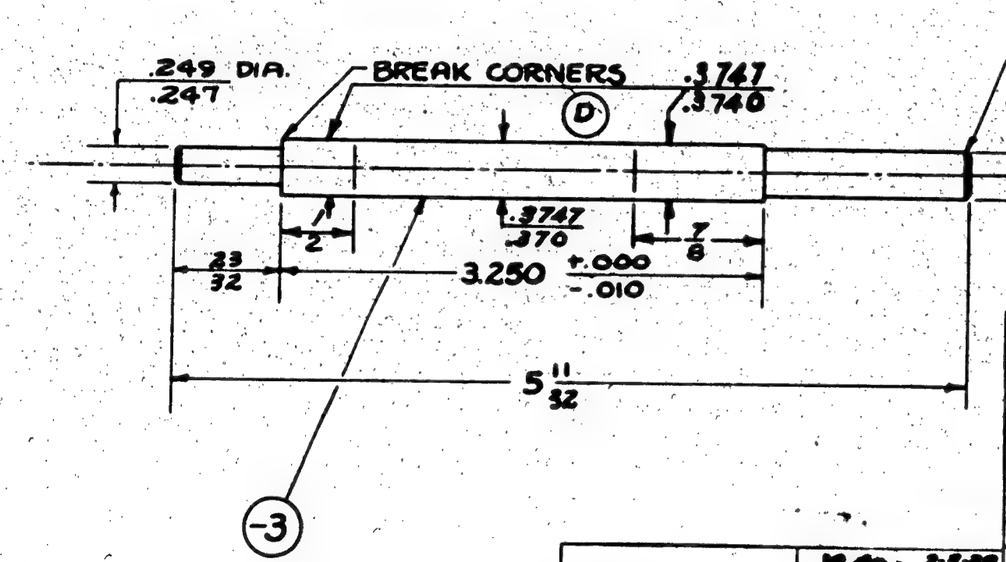
OPP. HAND

DWG. B 28C2032



E.O. 20015 –

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	2-3-38	ROGER
C	ADDED "SHAFT ENDS" NOTE.	5-17-40	[illegible]
D	-3737 WAS -3[illegible] THRUOUT. ALSO ADDED [illegible], 1/2 & 7/8 DIMS.	11-26-41	S MITH
E	SURFACE, FOR -2 & -3, REMOVED "ST. STL. 200, SPEC. 46518 GR. TE." ADDED NOTE #2. NO WT CHG.	10-5-43	ROGER



NOTES-

© 1.- CENTER HOLES PERMISSIBLE IN SHAFT ENDS.

2.- MAT'L. FOR -2 & -3 MAY BE-

(E) (A.) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. FM, COND. B, OR

(B.) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. B.

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	-3	28-6's	28C2030	LEA.													
	-2	28-6's	28C2030	LEA.													
	-3	PBY-5B	28C2030	1													
	-2	PBY-5B	28C2030	1													
	-3	PBY-5A&A	28C2030	1													
	-2	PBY-5A&A	28C2030	1													
	-3	PBY-3	28C2030	1													
	-2	PBY-3	28C2030	1													
	-3	PBY-4	28C2030	1													
	-2	PBY-4	28C2030	1													
	-3	PBY-2	28C2030	1													
	-2	PBY-2	28C2030	1													

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES	APPROVED	DATE
REPLACED BY	-3 .14 -2 .08 CAD	ACT. WT.
.010	15"=1'-0"	

A C				WDR.		C.W.	
NAVY NOTED	NOTED	NONE	NONE	9-29-36		MILLER	R.
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

NAME **SHAFTS - AILERON TAB CONTROL - GEAR BOX.**

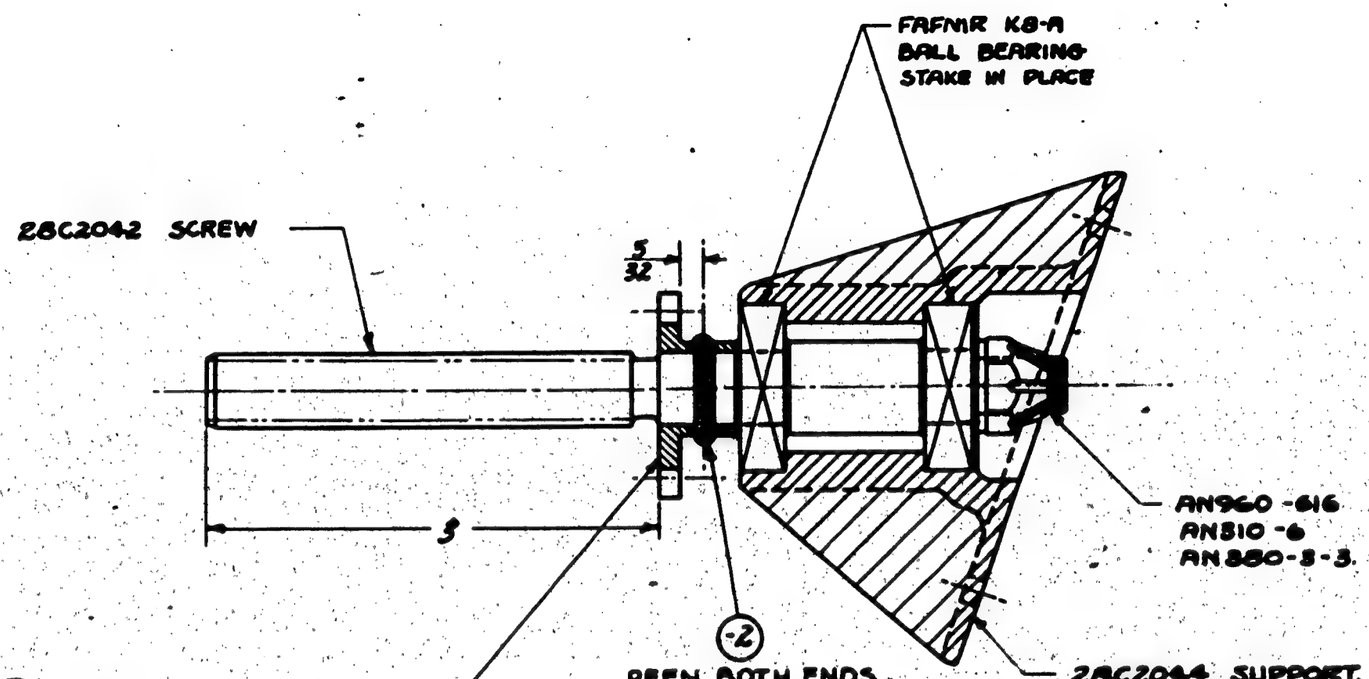
OPP. HAND

DWG. SIZE B

28C2033.

28C2033

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED UP TO DATE	2-2-43	ROGERS
D	REMOVED NOTE AT -2 "$\frac{1}{8}$ DIA. X $\frac{1}{2}$		
	LONG STL. STEEL ROD, SPEC. 46S-18,		
	GRADE 7E, REMOVED "		
	FROM B/M HEAT TREAT "NONE," &		
	REPLACED BY "NOTED." IN B/M FINISH		
	GP" WAS "AKV." ADDED MATERIAL		
	NOTE FOR -2. NO WT. CHG.	8-28-43	LARSEN



-3 BOSTON GEAR WORKS
SPROCKET #H-964 15 TEETH
1.20 P DIA. CAT. 51 PAGE 120.
DRILL HOLE TO $\frac{1}{2}$ DIA.
FINISH - CAD. PLATE.

NOTE:
1.- MATERIAL FOR -2 MAY BE:
(A) $\frac{1}{8}$ DIAM X $\frac{3}{4}$ LONG, STL. STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. B, OR
(D) (B) $\frac{1}{8}$ DIAM. X $\frac{3}{4}$ LONG, STL. STEEL ROD A.I.S.I., TYPE 410, SPEC. 46618, CLASS 3, T.S. 100,000-115,000 P.S.I.

	PBY-3	28C5072	1																						
	[illegible]	28C2080	1 EA.																						
	[illegible]	28C2080	1 EA.																						
	28SMA, MK	28C2050	1 EA.																						
	PBY-5	28C2050	1																						
	PB2Y-3	29C1590	1																						
	PBY5A	28C2050	1																						
	PB2Y-2	29C1590	1																						
	PBY-4	28C2050	1	AN380-2-2	1																				
	PBY-5	28C2050	1	AN310-6	1																				
	PBY-2	28C2050	1	AN960-616	1																				
	PBY-5B	28C2050	1																						
O.R.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.						
							FAFNIR KB-A	2																	
							28C2045-3	1																	
							28C2045-2	1																	
							28C2042-	1																	
							28C2044	1																	

REQUIREMENTS PER AIRPLANE | MAT. | * PARTS LIST PER ASSY.

A.C.				VENR		CM	
NAVY NOTED	NOTED	NOTED	NOTED & GP	10-30-36		MILLER	R
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

REPLACES | APPROVED 11-20-36 DATE
REPLACED BY | CALC. WT. 1.08 S.M.R. | AST. WT.
1/64 | 12"-1'-9"

[redacted]

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

NAME
ASSY - AILERON TAB CONT. MECHANISM - AT REAR SPAR.

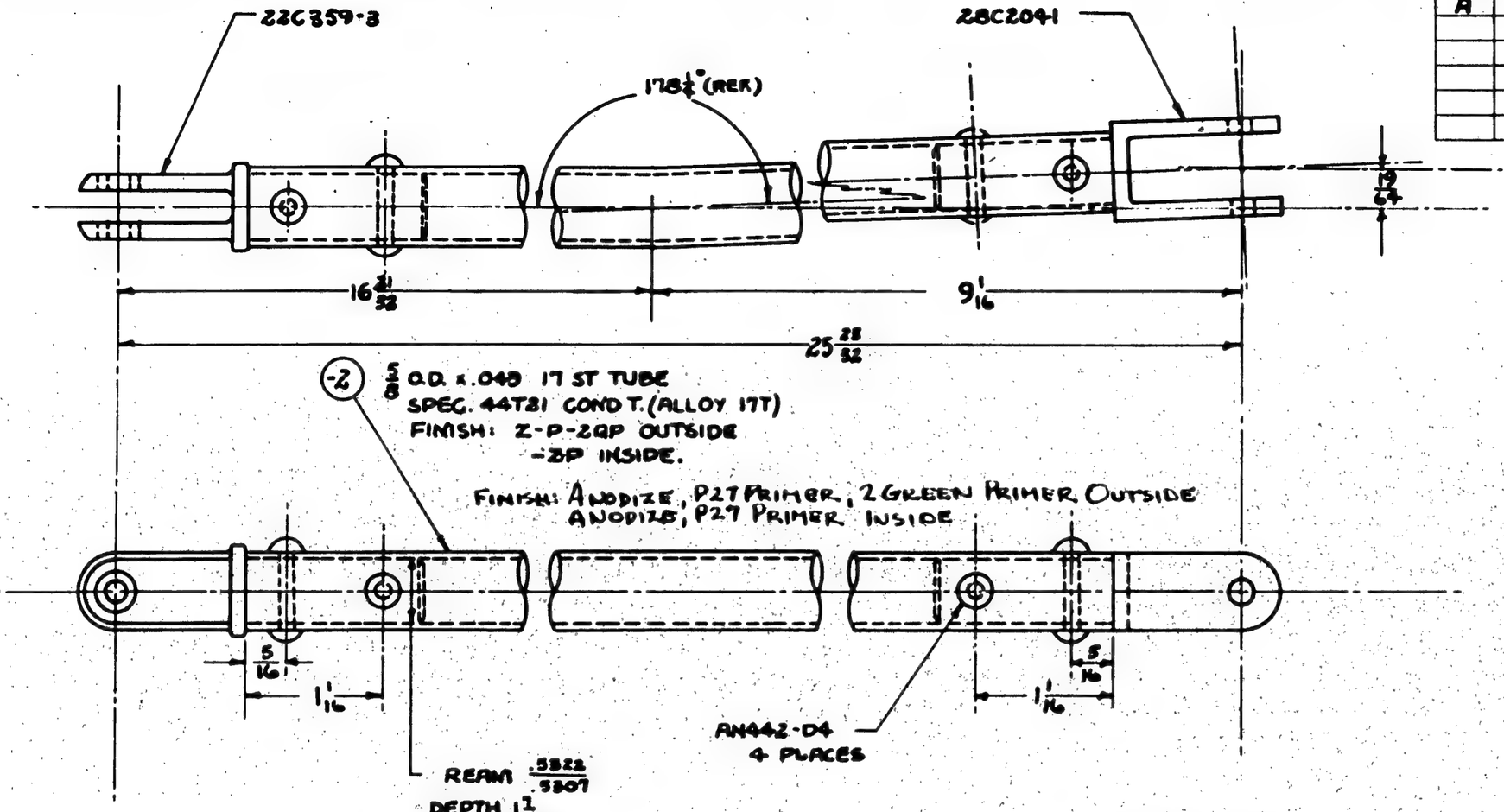
OPP. HAND

DWG. B SIZE

28C2045.

28C2045

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-9-38	Green



	PBY-5B	28C2050	1																						
	PBY5A	28C2050	1																						
	PBY-4	28C2050						28C2041	1																
	PBY-3	28C2050						22C359-3	1																
	PBY-2	28C2050						28C2046-2	1																
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				½ MAT.	PARTS LIST PER ASSY.																				

A C				11-8-96		WASH CH			
NAVY NOTED	NOTED	NONE	NOTED	A.H.Lee		MILLER	R.		
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.		

REPLACES	[redacted] 2-9-38 APPROVED DATE		
REPLACED BY	30 S.H.A CALC. WT.	ACT. WT.	
1/32 LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED	12"=1'-0" SCALE		

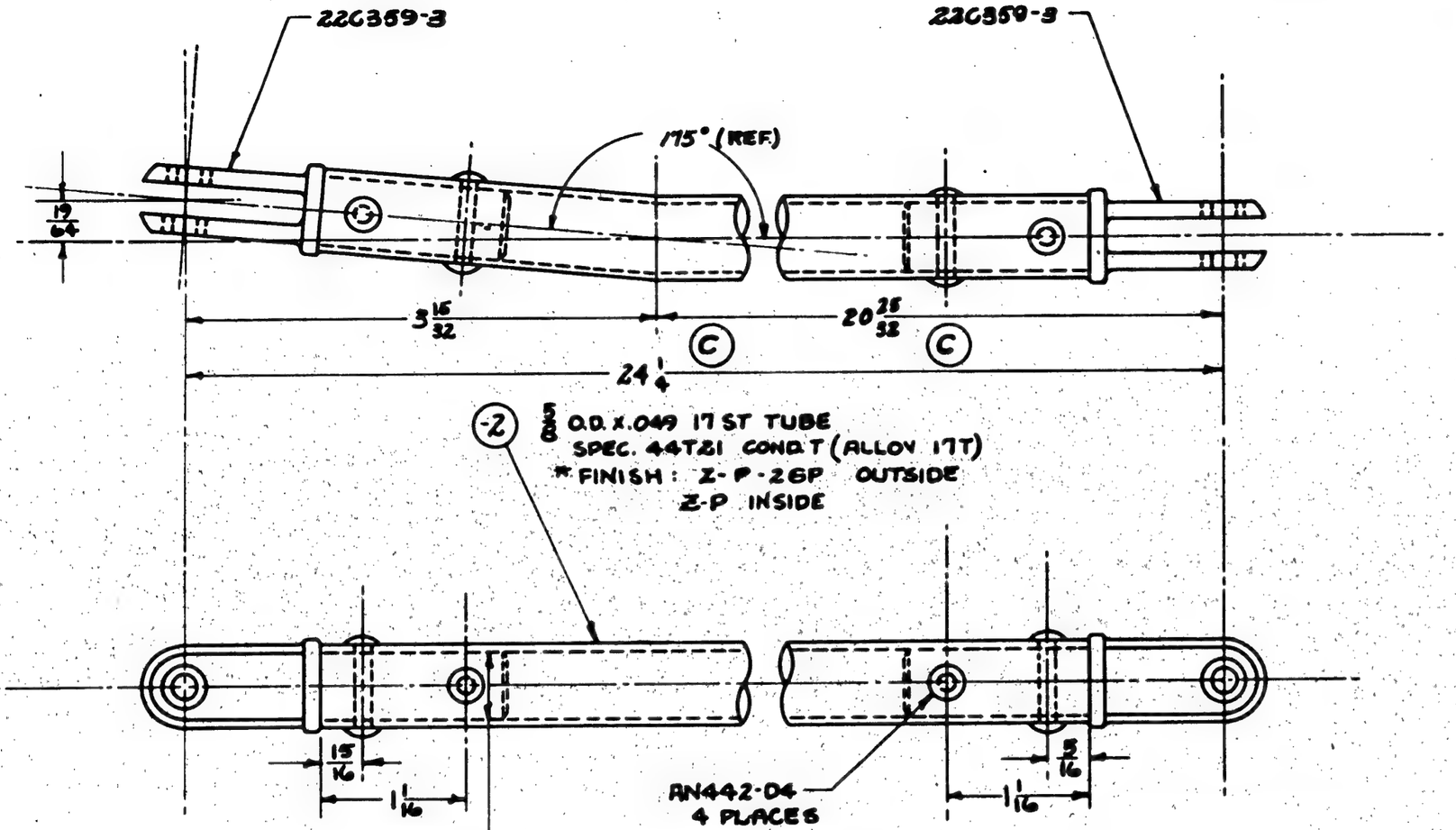
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME TUBE-AILERON TAB CONT. OPP. HAND
AIL.-TO TAB-CONNECTING

DWG. B SIZE 28C2046.

PRINTED ON CONSOLIDATED TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	2-10-38	Ryan
C	20 25/32 WAS 18 25/32 ; 24 1/4		
	WAS 23 1/4.	10-22-40	KELLOGG



REAM .5322 / .5307
DEPTH 1 7/16. BOTH ENDS OF -2.

* FINISH:
ANODIZE, P27 PRIMER, 2 GREEN PRIMER OUTSIDE

ANODIZE, P27 PRIMER INSIDE

	PBY-6B	28C2050	1																				
	PBY-5A	28C2050	1																				
	PBY-5	28C2050																					
1	PBY-4	28C2050																					
	PBY-3	28C2050										22C359-3	2										
	PBY-2	28C2060										28C2047-2	1										
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH	RH	PART NO.	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH
					REQ.			REQ.		REQ.		REQ.		REQ.		REQ.		REQ.		REQ.		REQ.	

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

A C				11-3-36	N.W.H. C.N.
NAVY NOTED	NOTED	NONE	NOTED	R.H.LAW	MILLER R.
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK EXAM. ENG.

REPLACES	APPROVED [redacted]	2-10-38 DATE	
REPLACED BY	.27 CALC. WT.	SHR ACT. WT.	
1/32 LIMIT ON DIMENSIONS UNLESS ± OTHERWISE INDICATED	SCALE 12"=1'-0"		

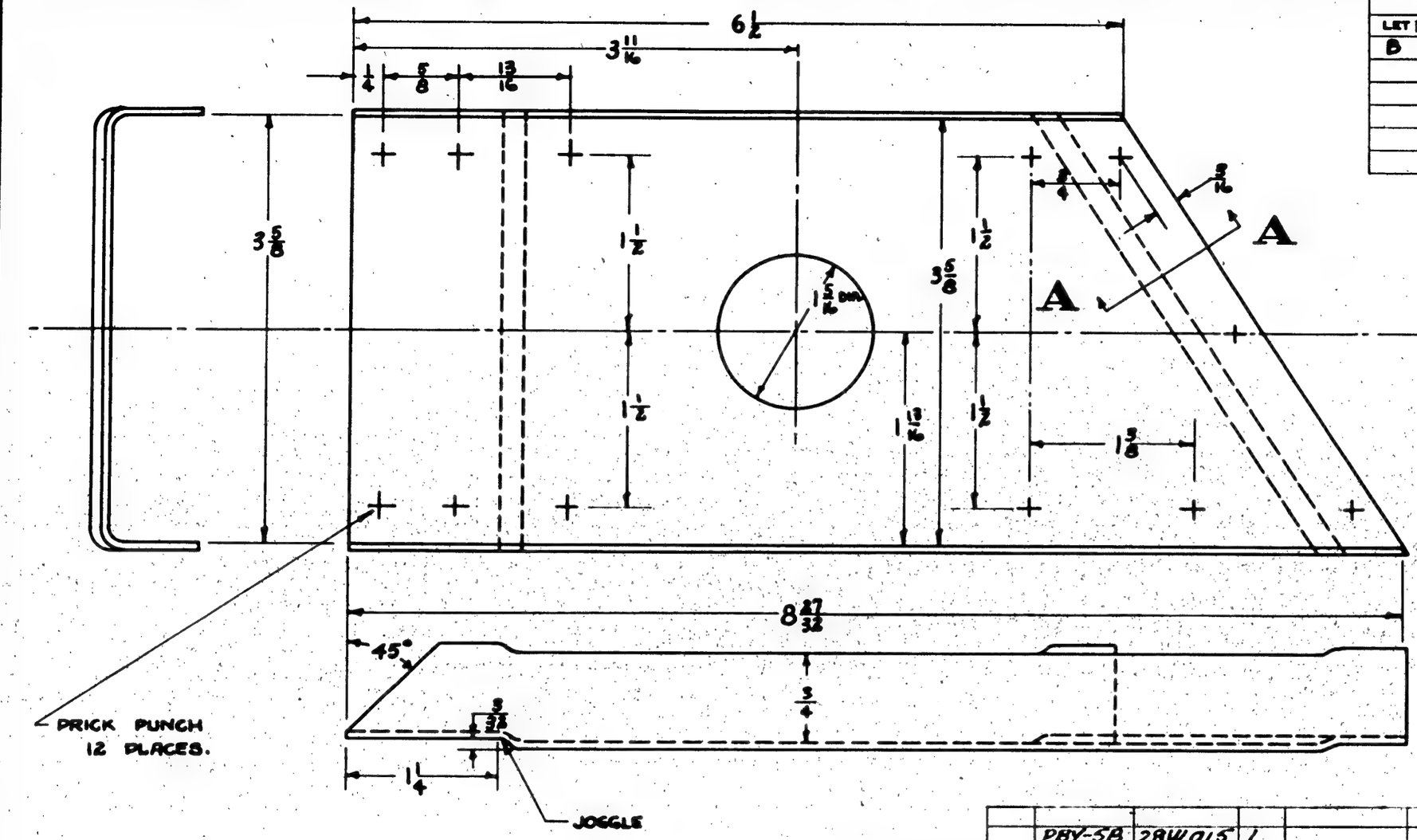
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

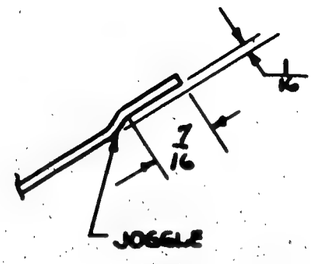
NAME TUBE-AILERON TAB CONTROL SPAR TO AILERON - CONNECTING.

OPP. HAND

DWG. B SIZE 28C2047

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	2-9-38	ROSEN





SECTION A-A

NOTE: BEND RADII 1/8

G.P. GREEN PRIME
FINISH CODE

Z	[redacted]
P	[redacted]
AP	[redacted]
C	[redacted]

O.N.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH RH REQ.	PART NO.	LH RH REQ.	LH RH REQ.	LH RH REQ.	LH RH REQ.	LH RH REQ.
	PBY-5B	28W015	1								
	PBY5A	28W015	1								
	PBY-4	28W015									
	PBY-3	28W015									
	PBY-2	28W015									

REQUIREMENTS PER AIRPLANE | B MAT. | PARTS LIST PER ASSY.

AC				11-6-36		H.W.H. CH
NAVY.054 AL.AL. SHT. 24S	47 AIO CONST	NONE	Z-P-2 & GP	R.H.L.M.		MILLER R.
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM. ENG.

REPLACES	APPROVED	DATE
	[redacted]	2-9-38
REPLACED BY	.30 CALC. WT.	ACT. WT.
±1/32 & ±1/2° LIMIT ON DIMENSIONS UNLESS + OTHERWISE SPECIFIED	12" = 1'-0" SCALE	

[redacted]

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME REINFORCEMENT-AIL. TAB CONTROL-REAR SPAR.

OPP. HAND

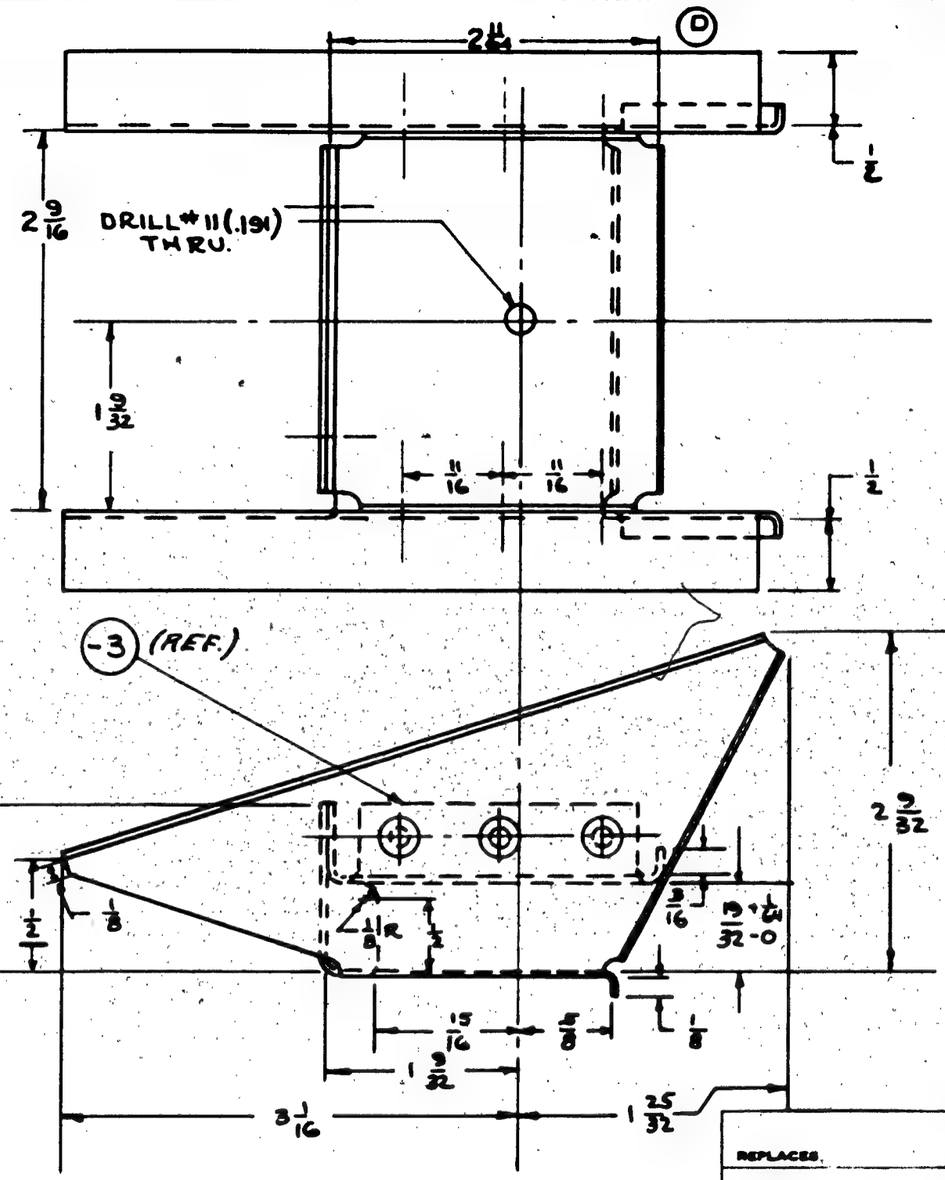
DWG. B SIZE

28C2048

PRINTED ON "VELLUM" TRACING CLOTH

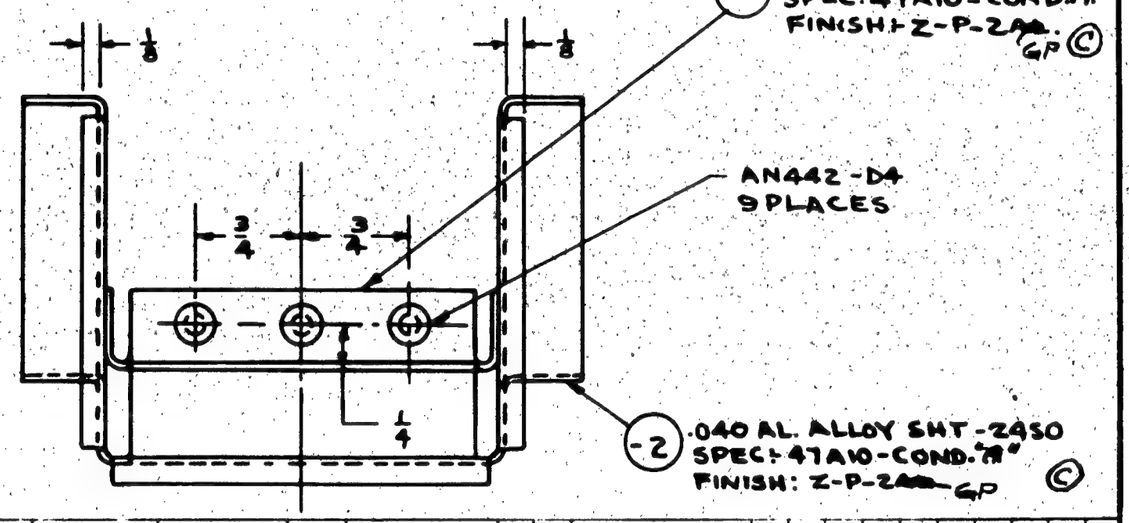
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	2-11-38	[redacted]
C	SPEC. OF -2 & -3 WAS COND. T & ADDED H.T. SPEC.	7-9-40	BALLOU
D	ADD. DIMENSION 2 11/64 TO DWG.	2-5-41	BMO

PBY-5



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIME



NOTE:-
ALL BEND RADII AND
RADII NOT SHOWN TO BE 1/16 R.

REPLACES	[redacted] APPROVED	2-11-38 DATE	
REPLACED BY	.15 CALC. WT.	ACT. WT.	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED 1/64 ±	SCALE 12" = 1'-0"		

[redacted]

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PBY-5A5B	28C2080	1	F A													
	PBY-4	28C2080															
	PBY-3	28C2080		AN442-D4	9		28C2054-3	1									
	PBY-2	28C2080					28C2054-2		1								

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

A C				WEIR		CARLSON	
NAVY NOTED	NOTED	-2 & -3 SR-53	NOTED	11-28-38		MILLER R.	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

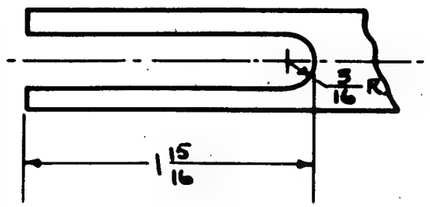
NAME BRACKET - AILERON TAB CONT. LOWER PULLEY - BK. HD. # 5

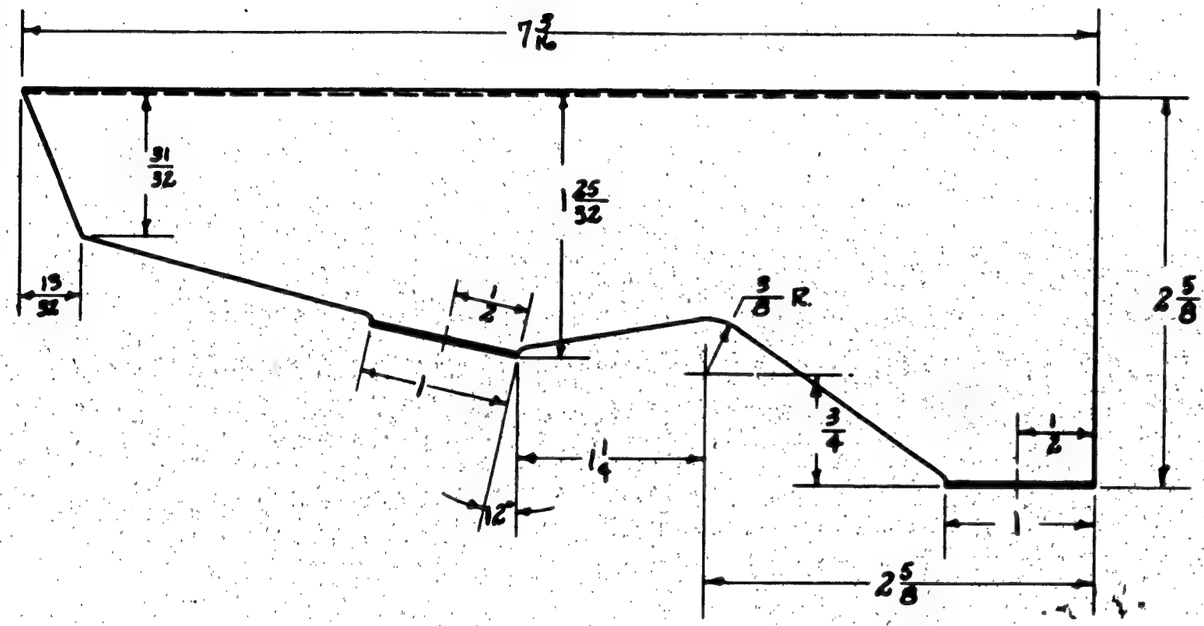
OPP. HAND

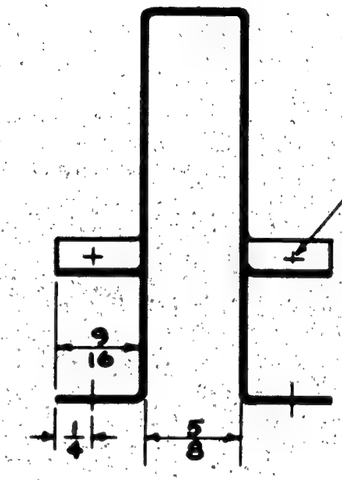
DWG. B SIZE

28C2054

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-9-38	Rosen
B	REMOVED PBY-5A, QA-10		
	& 28-5AMC REQUIREMENTS	9-16-41	Witch







BEND RADII TO BE 1/16

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP- GREEN PRIME

	PBY-5B	28C2008	2																
	PBY-4	28C2008																	
	PBY-3	28C2008																	
	PBY-2	28C2008																	
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.														
AC								2-12-41		Hunt 2-12-41									
NAVY .025 AL. AL. SHT. 245		4TA10 COND. T.		NONE			Z-P-2 GP	C.C.R.		CH CCR		R.							
MATERIAL		SPEC.		HEAT TREAT			FINISH	DRAFT		CHECK		EXAM.		ENG.					

REPLACES	APPROVED	DATE
	[redacted]	2-9-38
REPLACED BY	CALC. WT.	ACT. WT.
	DB J.B.J.	
LIMIT ON ENGINEERING UNLESS OTHERWISE SPECIFIED	SCALE	
1/32	12" = 1'-0"	

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

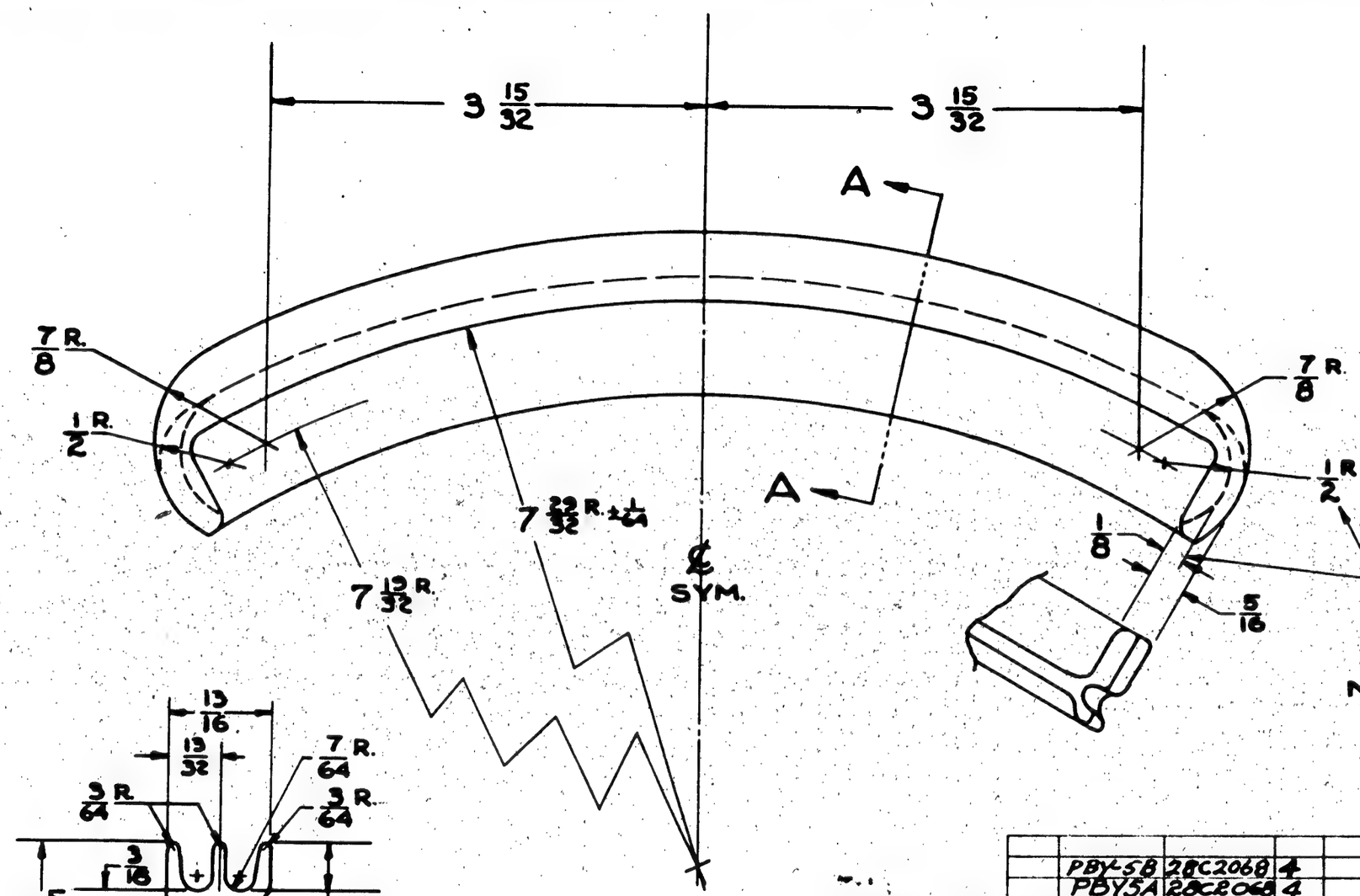
NAME GUARD-CONTROLS-OUTER RUDDER IDLER PULLEY

OPP. HAND

DWG. SIZE B

28C2069

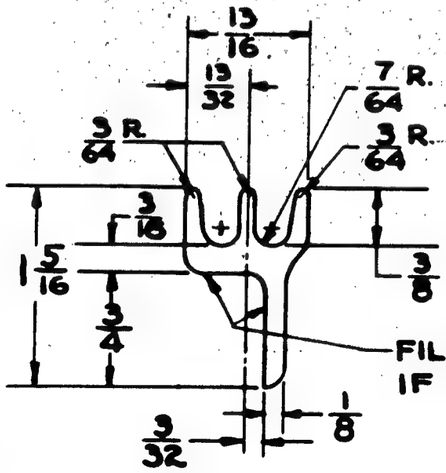
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	2-11-38	Wer



MAKE TO THESE DIMENSIONS
BOTH ENDS OF THIS GROOVE ONLY

NOTE.
ALL FILLETS RADII
TO BE 1/8 R.

GP-GREEN PRIME



SECTION A-A

	PBY-5B	28C2068	4																
	PBY5A	28C2068	4																
	PBY-4	28C2068																	
	PBY-3	28C2068																	
	PBY-2	28C2068																	
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.		
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.														
[redacted]														11-11-36		GREEN			
NAVY ALUM. ALLOY CASTING		46A1 CL. 4		29,000 #/□			Z-P-2 [redacted] GP							HACK		11-20-36	R.		
MATERIAL		SPEC.		HEAT TREAT			FINISH							DRAFT	CHECK	EXAM.	ENG.		

REPLACES

REPLACED BY

LIGHT ON [redacted]

APPROVED [redacted] 2-11-38 DATE

38 CALC. WT. SHA ACT. WT.

12" = 1'-0"

[redacted]

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP FT. NO. WHERE SHOWN

NAME GUIDE-CONTROLS - RUDDER PEDAL MAST-CABLE

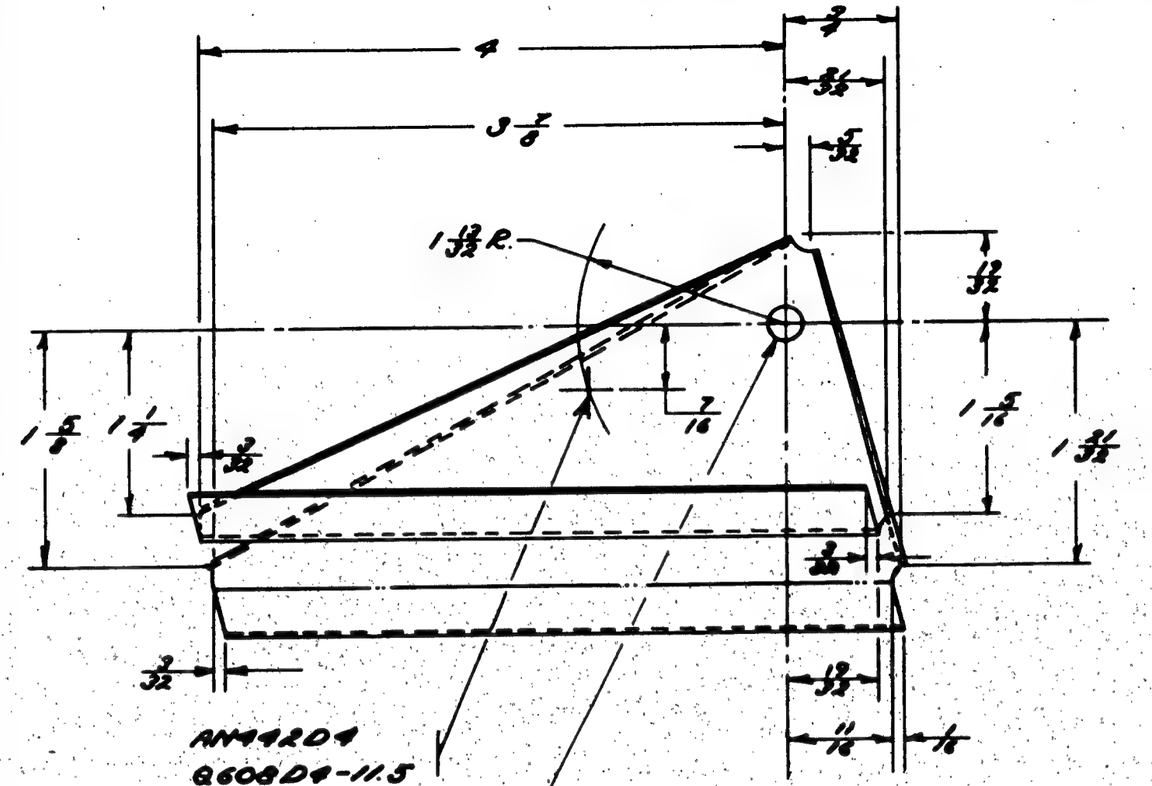
OPP. HAND

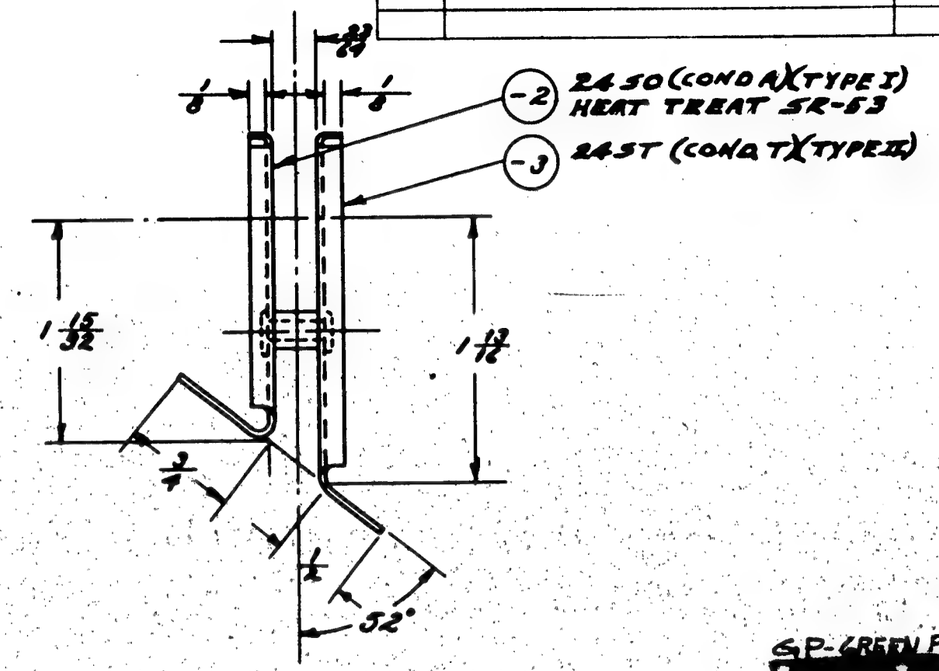
DWG. SIZE B

28C2071

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	REVISED	2-11-38	Connell
D	2450 (COND A)(TYPE I) WAS 245T (COND T)(TYPE II)	12/5/40	ANH

E.O. 34874





NOTE:
ALL BEND RADII TO BE 1/16 R.

CONTRACT #70496 FOR PBY-5

	PBY-5B(CA	28C2015					B608D4-11.5	1															
	PBY-4	28C2015																					
	PBY-5	28C2015					28C2057-3	1															
	PBY-2	28C2015		AN442D4			28C2077-2	1															
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.																		
A C																							
NAVY 24S AL ALLOY SHEET 2S3	STAND CONDR	NONE					2-P-2 GP																
MATERIAL		SPEC.		HEAT TREAT			FINISH																

REPLACES	APPROVED	DATE
	L.A.W.	2-11-38
REPLACED BY	CALC. WT.	ACT. WT.
	.87 SHD.	
LIMIT ON DIMENSIONS UNLESS + OTHERWISE SPECIFIED — 1/32	SCALE	12" = 1'0"

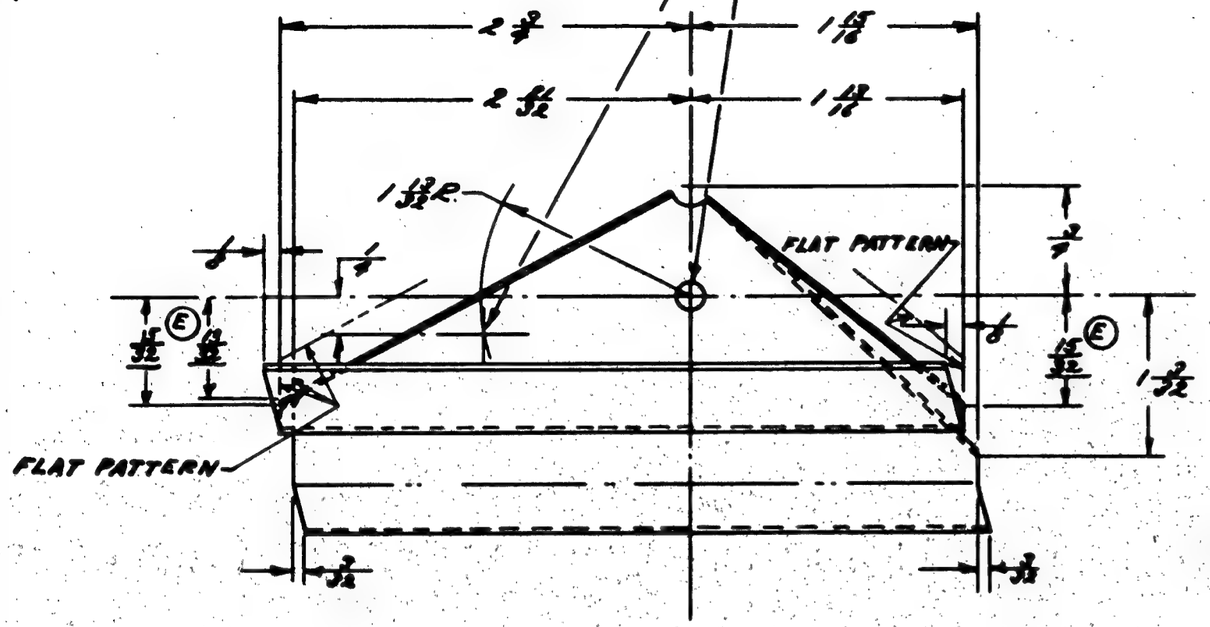
[redacted]

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.	NAME	BRACKET AILERON TAB CONTROL LOWER PULLEY BLKHD #1.33	OPP. HAND
STAMP PT. NO. WHERE SHOWN	DWG. B SIZE	28C2077	

GP-GREEN PRINE
[redacted]

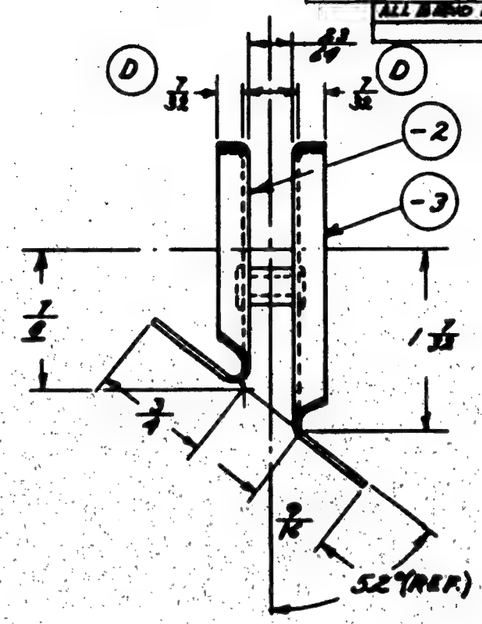
AN442BD4
-Q608-DF-11.5

DRILL #11(.191) THRU.



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	FINISHED	2-11-38	Connell
B	CHANGED WIDTH OF FLANGES IN END ...		
	VIEW FROM 1/2 TO 3/8 & BEND RADII	,	"
	FROM 3/16 TO 1/8 NO WT CHG	3-13-42	[illegible]
E	CHANGED DIM. ONE FROM 3/8 TO 5/32 & ON -3		
	FROM 1/16 TO 3/32 & CHANGED NOTE FROM		
	ALL BEND RADII TO BE 1/8" TO ALL ...	3-13-42	[illegible]

E.O. A22978



G.P.-GREEN PRINE

NOTE:
ALL BEND & RELIEF RADII TO BE 1/8 (D) (E)

CONT. 70496
CONT. 77719

REPLACES	[illegible] APPROVED	2-11-38 DATE
REPLACED BY	.05 300 CALC. WT.	ACT. WT.
LIMIT ON [illegible] UNLESS + [illegible] =	12"-1'0" BEAM	

[redacted]

	PBY-5B	28C5554																	
	28-5AMM	28C5554																	
	28-5MA	28C5554																	
	28-5AMC	28C5554																	
	28-5ME	28C5554																	
	28-5MC	28C5554																	
	PBY-5	28C5554																	
	PBY-5A	28C2015										C 60004-N-5	1						
	PBY-4	28C2015																	
	PBY-3	28C2015										28C2070-3	1						
	PBY-2	28C2015		ANGLE 04	1							28C2070-2	1						
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.														

AC					LAYOUT		CV.	
NAVY 600 AL. ALLOY SHEET	17ST CLAD T	SR-53	Z-P-28 & D		[illegible]		H.W.	R.
MATERIAL	SPEC.	HEAT TREAT	FINISH		DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP FT. NO. WHERE SHOWN

NAME
BRACKET-AILERON TAB CONTROL
UPPER PULLEY-BLKHD #1.33

OPP. HAND

DWG. B SIZE

28C2070

	A	L
-0	224"	485"
-5	254½"	515½"
-57	234½"	

(K)

E.O. 77-39248

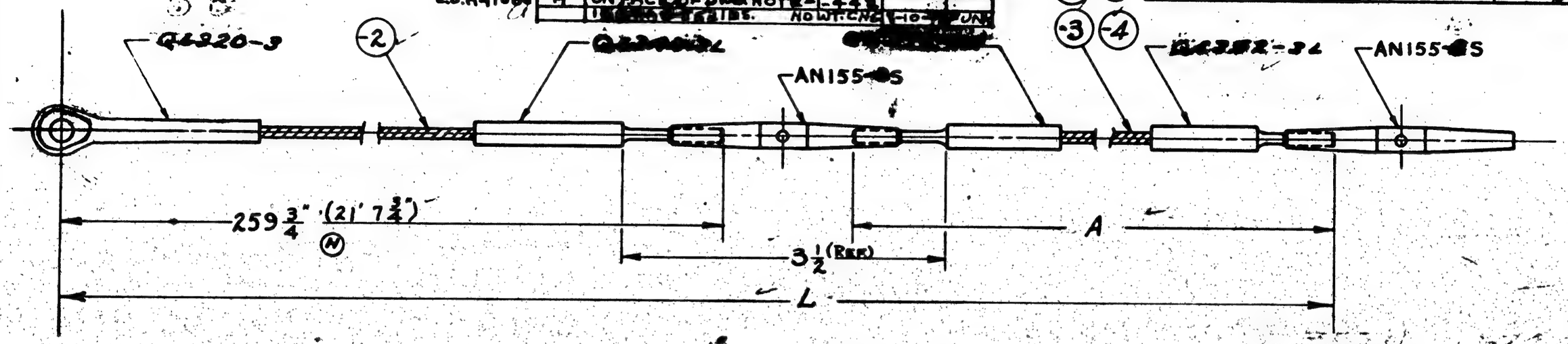
LET.	ALTERATION	DATE	BY
L	CHG'D NOTE: "FLEX---TYPE I" TO "CARBON TINNED---3/32" IN AN-RR-C-43" IN BREAKTECH NOTE 552" MIN. 288"		
	ADDED NOTE: "WHICH IS 60% --- STRENGTH." REMARKED		
	"R.P." & ADDED NOTE: "CABLE --- PER SPEC. SPEC'S WITCHAM		
M	ON FAC. OF DWG. NOTE [illegible] LBS. NO WT. CHG.		

E.O. A41088

E.O. 32220

LET	SUPPLIES & EQUIPMENT CLASSIFICATION ALTERATION	DATE	BY
E	TRACED UP-TO-DATE	2/4/38	[illegible]
F	ADDED -4, -5 & XPBY-5 REQ.	10-7-39	[illegible]
G	[illegible] ST. ASSEMBLY "G"	4-6-41	[illegible]
H	REVISED "ARROW" FROM DIM. E	11-7-41	[illegible]
	CHANGED SPEC. & ADDED LIMITS.		
J	PRE-STRETCH TO 288 LBS. 250	11-31-41	EDMETC
K	IN -57, 254½" DIM. WAS 276" APP.	1-13-42	BERLIN

(-6) (G) (-3) (-4)



(-4) (-2) (-3) (-6) 3/32 DIA. 7×7 CARBON TINNED STEEL CABLE SPEC. AN-RR-C-43.

C.* 88476
C.* 91876

NOTES:- (L) (M)

1. PRE-STRETCH CABLE ASSY. TO 442 LBS. (WHICH IS 60% OF RATED STRENGTH)
2. FINISH - CABLE TO BE COATED WITH PARALKATONE SPEC. PM61 TYPE 'B' AS PER SPEC. SE15C. (H)
3. SWAGE AS PER SPEC. T-46-B

C.* 70496 1-1-67
C.* 70496 & * 77713
C

-57	PBY-5A	28C5500	2																						
-	PBY-5	28C5000	2																						
-57	28-5AHN	28C5756	2																						
	28-5MA	28C5500	2																						
	28-5HC	28C5500	2																						
	28-5ME	28C5500	2																						
	28-5MN	28C5500	2																						
	PBY-5B	28C5500	2																						
-57	28-5MC	28C5756	2																						
-	PBY-5	28C5000	2																						
-57	PBY-5A	28C5500	2																						
-5	XPBY-5A	28C4025																							
-0	PBY-4	28C2000																							
-0	PBY-3	28C1000																							
-0	PBY-2	28C2000		ANI55-8S	2																				
O. H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH	RH	PART NO.			LH	RH	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH
					REQ.					REQ.		REQ.		REQ.		REQ.		REQ.		REQ.		REQ.		REQ.	
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.					-0		-5		-57											

REPLACES	LCW 2/14/38 APPROVED DATE	
28C2082 of 12-24-42 REPLACED BY	.10 CALC. WT. S.H.A.	ACT. WT.
± 1/16 LIMIT ON UNDIMENSIONED VALUES ±	SCALE 12"=1'-0"	

AC						
NAVY	NOTED	NOTED	NONE	NOTED	WEIR	Cn
	MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK
					MILLER	R
					EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME ASSY-AILERON TAB CONTROL-AFT CABLE

OPP. HAND

SIZE B

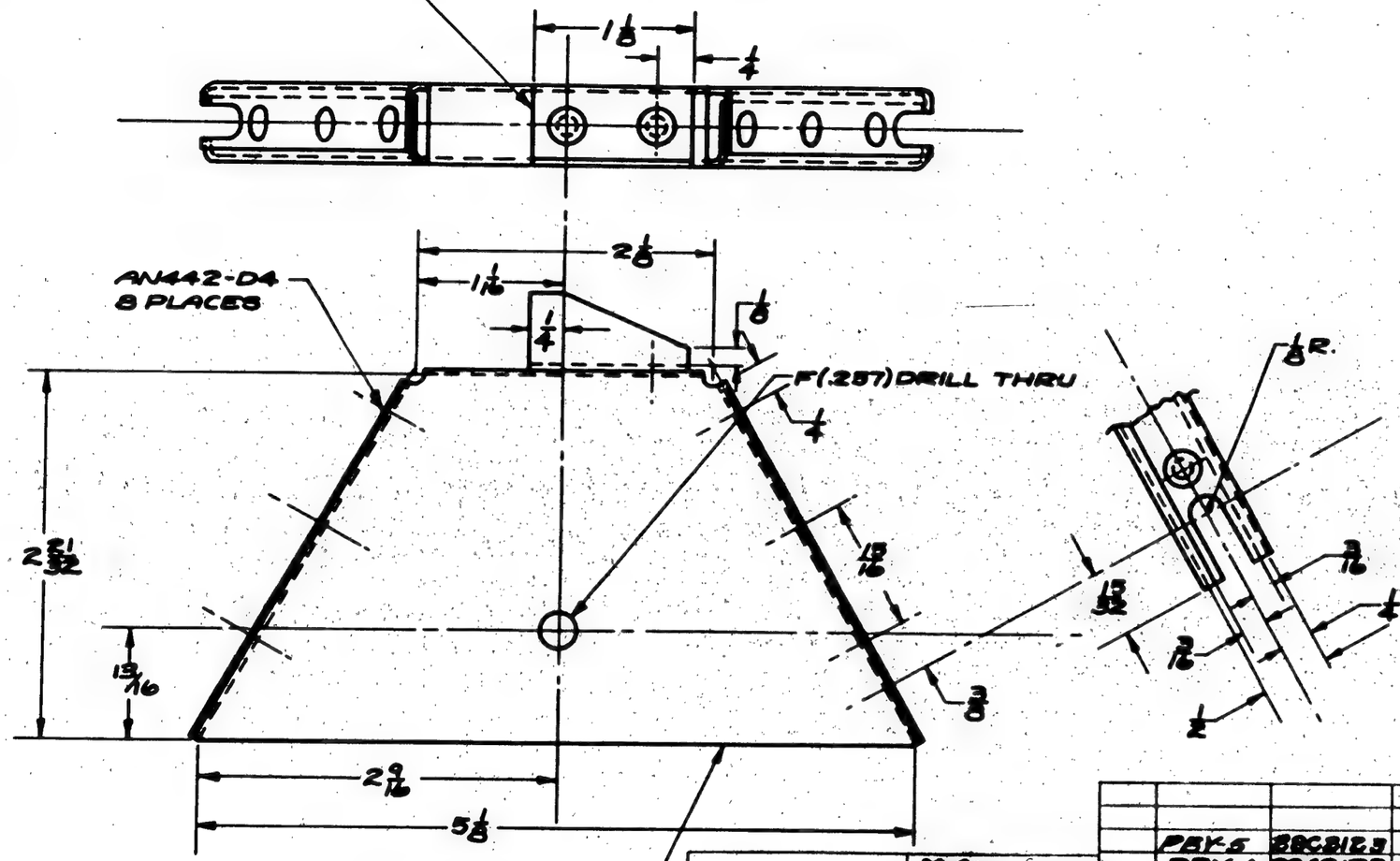
28C2082

PRINTED ON "IMPERIAL" TRACING CLOTH

MATERIAL NOTE:
1. MATERIAL FOR -3 MAY BE:
A. Y-2-A11T X 1¼, OR,
B. 9/16 x 9/16 x .040, AL. ALLOY EXTR. ANGLE 24ST, ALCOA DIE #K6240 X 1¼, SPEC. 46A9 COND. T.

(3) (B)

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET.	ALTERATION	DATE	BY
A.	TRACED	2-1-38	WHEELER
B	ADDED "MAT'L NOTE: - - - A Y-2-A11T-X 1¼, OR" TO NOTE FOR -3. ADD PART SERIAL (N.T. CHG. NEG.)	3-23-38	SPRINGER



NOTE :-
BEND RADII 1/16 R.

.025 ALUMINUM ALLOY SHEET - 24S (2)
SPEC. 47A10 COND. T.

	PBY-5	28C2123	1																
	PBY-4	28C2123	1																
	PBY-3	28C2123	1					-3	1										
	PBY-2	28C2123	1					-2	1										
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.

REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.					
A C							CN.	
NAVY NOTED	NOTED	NONE	Z-P-2AL		LAU.		H.W.H.	R.
MATERIAL	SPEC.	HEAT TREAT	FINISH		DRAFT	CHECK	EXAM.	ENG.

REPLACES	APPROVED 12-24-36 DATE		
REPLACED BY	.07 CALC. WT.	ACT. WT.	
UNLESS OTHERWISE SPECIFIED ±	12"=1'-0" SCALE		

[redacted]

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME
GUARD-CONTROLS-AILERON SERVO PULLEY - LOWER

OPP. HAND

DWG. B SIZE

28C2090

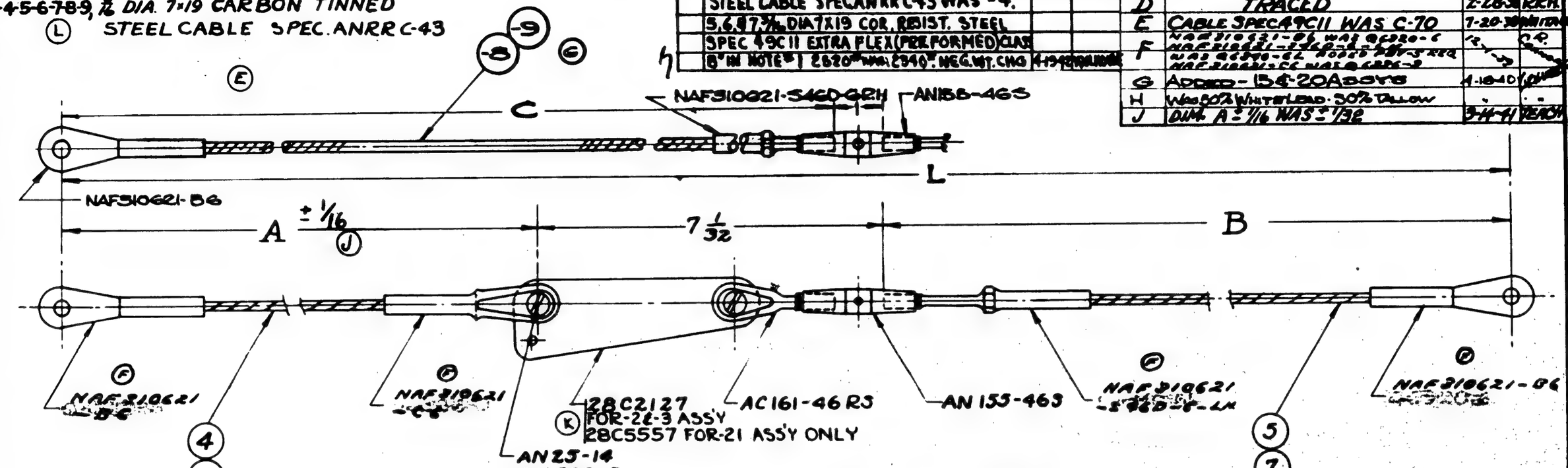
PRINTED ON "VANDERCOOK" PRINTING MACHINE

E.O.# A31916
E.O.# A33262

LET	ALTERATION	DATE	BY
K	CREATED -22 ASSY NEG. WT. CHG	4-19-42	
L	-4,5,6,7,8,9 3/16 DIA 7x19 CARBON TINNED STEEL CABLE SPEC AN RR C-43 WAS "-4. 5,6,7 7/16 DIA 7x19 COR. RESIST. STEEL SPEC 49C11 EXTRA FLEX (PREFORMED) CLASS B" IN NOTE #1 2620# MIN. 2940# NEG. WT. CHG	4-19-42	

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED	2-28-38	RRH
E	CABLE SPEC 49C11 WAS C-70	7-20-38	WHITEHEAD
F	NAF 310621-BG WAS 6C870-6 NAF 310621-BC WAS 6C870-5 NAF 310621-CC WAS 6C870-6 NAF 310621-EC WAS 6C870-7	12-[illegible]	C.P.
G	ADDED - 15 & 20 ABOVE	4-16-40	
H	WAS 50% WHITE LEAD - 50% DILLOW	"	"
J	DIM. A ± 1/16 WAS ± 1/32	9-11-41	REACH

-4-5-6-7-8-9, 3/16 DIA. 7x19 CARBON TINNED
(L) STEEL CABLE SPEC. AN RR C-43



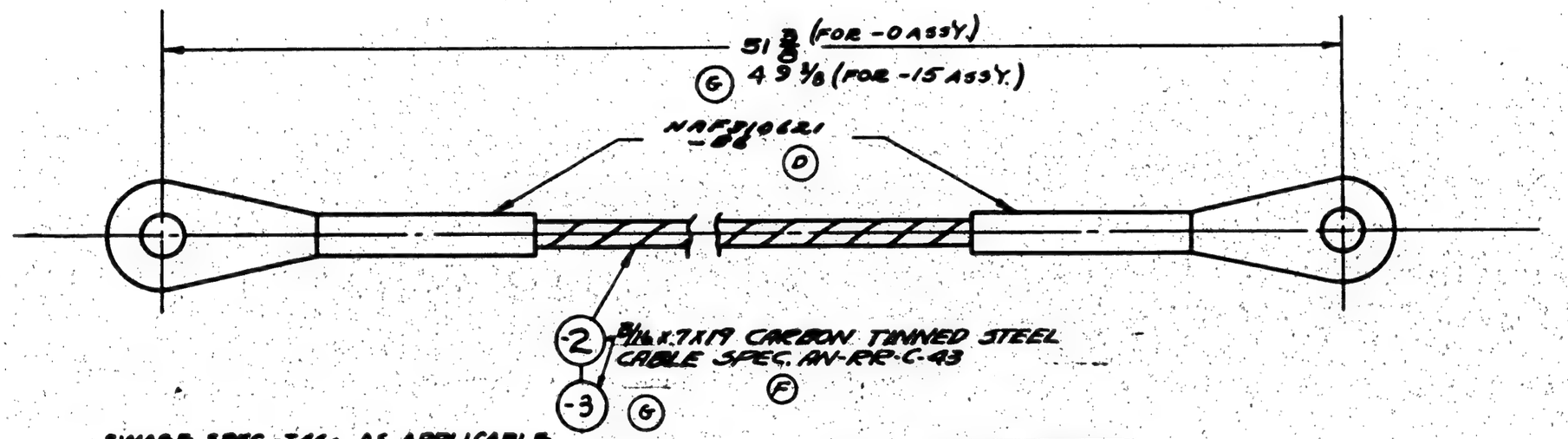
-20	OUTER		60%	15[illegible]			[illegible]
-15	INNER		104 1/8	134			28 [illegible]
-5	OUTER	7 1/4	60 1/16	138	1.40		
-2	INNER	2 3/4	104 1/8	134 7/32	1.38		
PART NO	LOCATION	A	B	L	CALC. WT.	ACT. WT.	C

NOTES:-

1. PRESTRETCH CABLE ASSY. TO 2520# WHICH IS 60% OF RATED STRENGTH. (L) C.1070
2. CABLE TO BE COATED WITH PARALKA-TONE SPEC. RMG1 TYPE "B" AS PER (H) SPEC. SR15C.
3. LIMITS ON "L" DIM. TO BE ± 1/4 VARIATION TO BE TAKEN BY "B". "A" DIM. TO BE HELD AS SHOWN.
4. DIMENSIONS GIVEN ARE WITH 3 THDS. EXPOSED AT TURNBUCKLE.
5. SWAGE SPEC. T466 AS APPLICABLE.

| | | | | | | |

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B.	TRACED	2-2-38	[illegible]
C	CABLE SPEC. 49C11 CL. B WAS C-70	1-20-39	[illegible]
D	NAF 30538-6 WAS 6320-6	12-1-39	[illegible]
E	ADDED ± LIMIT ON DIM & CHANGE	1-30-41	EDMISTON
	SPEC. TO R.P. WAS W.L. & T.		
E.O.A33253 F	REMOVED MAT'L NOTE FOR -2		
	CABLE & FERRULED WITH CARBON		
	TINNED.... 2580# WAS 2340# RE-		
	VISED "E" NOTE. NO WT. CHG.	9/16/42	CARLSON
E.O-A39679 G	ADDED DIM. 49 3/8 (FOR -15 ASS'Y)		
	℄ -3 TO FACE. CREATED -15		
	ASS'Y. WT. CHG. NEG.	6-1-42	[illegible]



SWAGE SPEC.-T46 AS APPLICABLE

NOTES:-
1. PRESTRETCH CABLE ASSY. TO 2580# WHICH IS 60% OF RATED STRENGTH. (F)
2. CABLE TO BE COATED WITH PARKERATONE, SPEC. RM 61 TYPE B PER SPEC. SR 15C

PBY-5A UP TO HULL 505
507 TO 552 & 563 TO 577
HULLS 506, 553 TO 562 & 578 & ON

	28-5AMN	28C5555	2																				
	28-5AMC	28C5526	2																				
	28-5MN	28C2008	2																				
	28-5ME	28C2008	2																				
	28-5MC	28C2008	2																				
	28-5MA	28C2008	2																				
	PBY-5B	28C2008	2																				
	PBY-5A	28C5526	2											NAF 310621-B6	2		2						
-15	PBY-5A	28C5555	2											-3			1						
	PBY-5	28C2008	2											-2	1								
G. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.			LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.		

REPLACES	[redacted]-2-38 APPROVED DATE	
REPLACED BY	AB CALC. WT.	ACT. WT.
LIMIT ON DIMENSIONS UNLESS ± OTHERWISE STATED	12"=1'-0" SCALE	

REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.		-15				
A C				WELD		CN		
NAVY NOTED	NOTED	NONE	SEE NOTE "2"	A-2637		CARLSON	E.	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.	

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME
CABLE ASSY.-CONTROLS RUDDER IDLER-LOWER

OPP. HAND

DWG. SIZE B

28C2012

PRINTED ON "LINOPAQUE" TRACING CLOTH

ASSY.	A	B	L
-0	88 7/8	81 1/4	171 1/2
-5	55 1/4	81 1/4	137 5/8
-25	52 5/16	84 5/8	138 5/16

LET	ALTERATION	DATE	BY
	(CO'NT.)		
J	LEAD & 50% TALLOW SOLUTION"; "CARBON ~ SPEC. AN-RR-C-43" WAS "CORROSION RESISTANT EP. FLEX. ST. CABLE SPEC 49C11 CL. B (PREFORMED)" NEG. WT. CHG. 4-20 AL ANDERSON		

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
C	TRACED	2-15-38	R.M. SCHMIED
D	Q6330-C4 WAS Q6330-4 SEE CA 7131	3-15-38	S.D.W.
E	CABLE SPEC. 49C11 WAS C-70	7-20-38	WHITAKER
F	ADDED -4, -5 ASSY, # XPBY-5		
G	REQUIREMENT NAF 310621-C4 WAS Q6330-4L NAF 310621-S21D-4 LH OR RH WORM Q6330-4L & R ADDED PAY-5 REQ.	10-23-39 / 12-1-41	M. Powell / Connors
H	ADDED -25 ASSY. 10 WT CHG	3-16-42	Jensen
J	IN NOTE #1, "RATED STRENGTH (1200#)" WAS "RATED LOAD (1140)"; IN NOTE #2, "WITH ~ SPEC. 5 R 15C" WAS "BEFORE AND AFTER INSTAL'N. WITH A 50% WHITE (CON'T.)		E.O. A-32258

(H)

(2) (3) 1/8 DIA. 7x19 CARBON TINNED STEEL CABLE SPEC. AN-RR-C-43 (4)

(J)

(E)

(-2) (-4) (-6)

(-7) (-3)

L

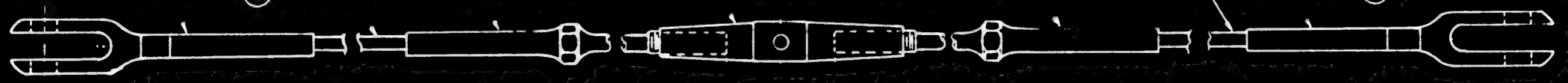
(G) NAF 310621 -C4 (D)

(G) NAF 310621 -S21D-4 RH

AN155-215

(G) NAF 310621 -S21D-4 LH

(G) NAF 310621 -C4 (D)



A

3/8 (REF.)

B

(H)

NOTES:-

1. PRESTRETCH CABLE ASS'Y TO 60% OF RATED STRENGTH (1200#) (J)
2. CABLE TO BE COATED WITH PARALKATONE SPEC. RM.61 TYPE B PER SPEC. 5R 15C (J)

4 DIMENSIONS GIVEN ARE WITH 3 THDS. EXPOSED AT TURNBUCKLE

5 SWAGE AS PER SPEC: T-46-B

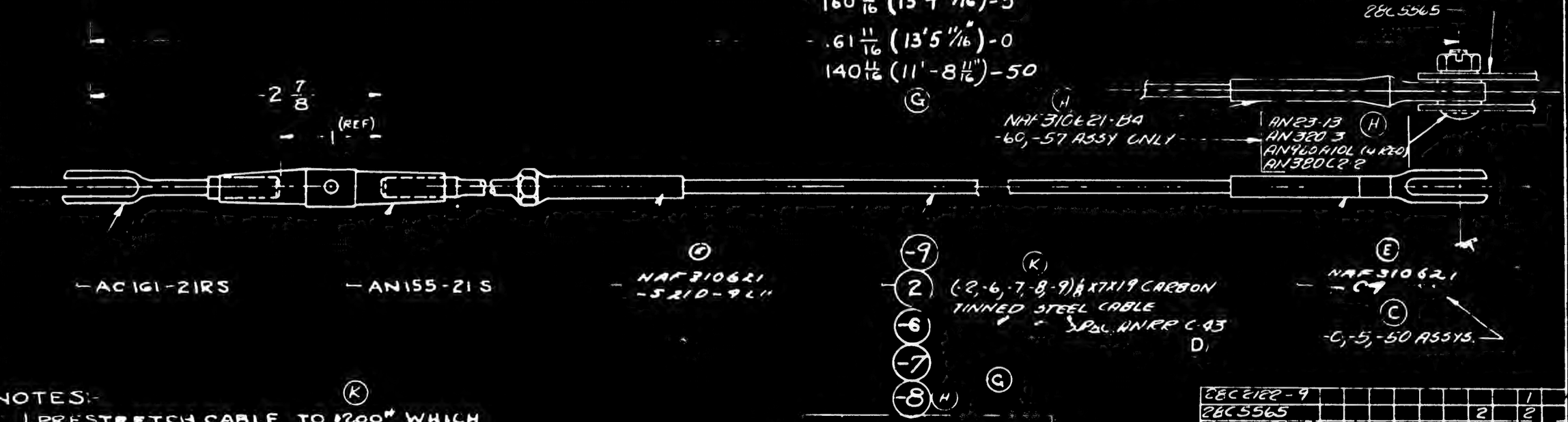
												-7		1	
												-6		1	
											28C2115 -4	-	1	-	
											NAF 310621 -S21D-4 RH	2	2	2	
											NAF 310621 -S21D-4 LH	1	1	1	
											NAF 310621 -C4	1	1	1	
												-3	1	1	-
												-2	1	-	-
											AN155-215		1		
													NH REQ	PART NO	NH REQ'D -2	NH REQ'D -5	RH REQ'D -25	NH RH REQ

LET	ALTERATION	WHIE	BY
E.O.A27185 H	CREATED -57 ASSY-E REPLACES		
	-7, NAF 310621-B4 REPLACES NAF		
	310621-C4 ADDED (BC5565 (B) RN		
	23-13 (1) AN320-3, AN960C10L (4), &		
	AN380C2-2 WT CHG. NEG.	3/19/42	CARLSON
E.O.A31417 J	CREATED -60 ASSY -9 REPLACES		
	-8 WT. CHG. NEG.	3/19/42	CARLSON
E.O.A33261 K	MATL. NOTE "1 x 7 x 19 .... CABLE WAS		
	"COR RESIST ..... 49C11CLA "PRESTRETCH		
	CABLE 1200# WAS 1140# REVISED NOTE		
	NO. 2 NO WT. CHG.	4/19/42	CARLSON

LET	ALTERATION	DATE	BY
B	TRACED	2-15-38	J W F
C	Q6330-C4 WAS Q6330-4 SEE CO. 7131	3-15-38	S U W
D	CABLE SPEC. 49C11 WAS C-70	7-20-38	WHITAKER
E	[illegible]	12-9-41	[illegible]
F	REPLACE -0 ASSEM. WITH -5 FOR PBY-5 & 5A	4-9-42	HORSLEY
G	CREATED -7 FOR -50 ASSY -50 FOR PBY-5A WAS -5	1-2-42	BRAVER MAN

PBY-5, 5A
E.O. 32879
P.O. "A17044

(J) $158\frac{7}{8}$ (13'2 7/8")-60
(H) $113\frac{7}{16}$ (9'5 7/16")-57
$160\frac{15}{16}$ (13'4 15/16")-5
$.61\frac{11}{16}$ (13'5 11/16")-0
$140\frac{11}{16}$ (11'-8 11/16")-50
(G)



NOTES:-

1. PRESTRETCH CABLE TO 1200# WHICH IS 60% OF RATED STRENGTH. (K)
2. CABLES TO BE COATED WITH PARALKATONE SPEC. RM61 TYPE B AS PER SPEC. 3R15C. (K)
3.
4. DIMENSIONS GIVEN ARE WITH 3 TH'DS. EXPOSED AT TURNBUCKLE.
5. SWAGE AS PER. SPEC. T-46b AS APPLICABLE.

C9.676 -60	PBY-5	28C5086	1		
C68476 -57	PBY-5A	28C5564	1	AN23-13	1
C76946 -50	PBY-5A	28C5706	1	AN320-3	1
C77713 -5	PBY-5	28C5000	1	AN960A10L	4
	PBY-4	28C2000	1	AN380C2-2	1
	PBY-3	28C2000	1	AN155-21S	1
	PBY-2	28C2000	1	AC161-21RS	1

PART NO.	-0 REQ	-5 REQ	-50 REQ	-57 REQ	-60 REQ
28C2122-9					1
28C5565			2		2
28C2122-8		1			
NAF 310621-B4		1			1
28C2122-6	1				
NAF 5210-9 1/2" LN	1		1		1
MS 10621-C4	1				
28C2122-2	1				
28C2122-7		1			

12" 1'-0"

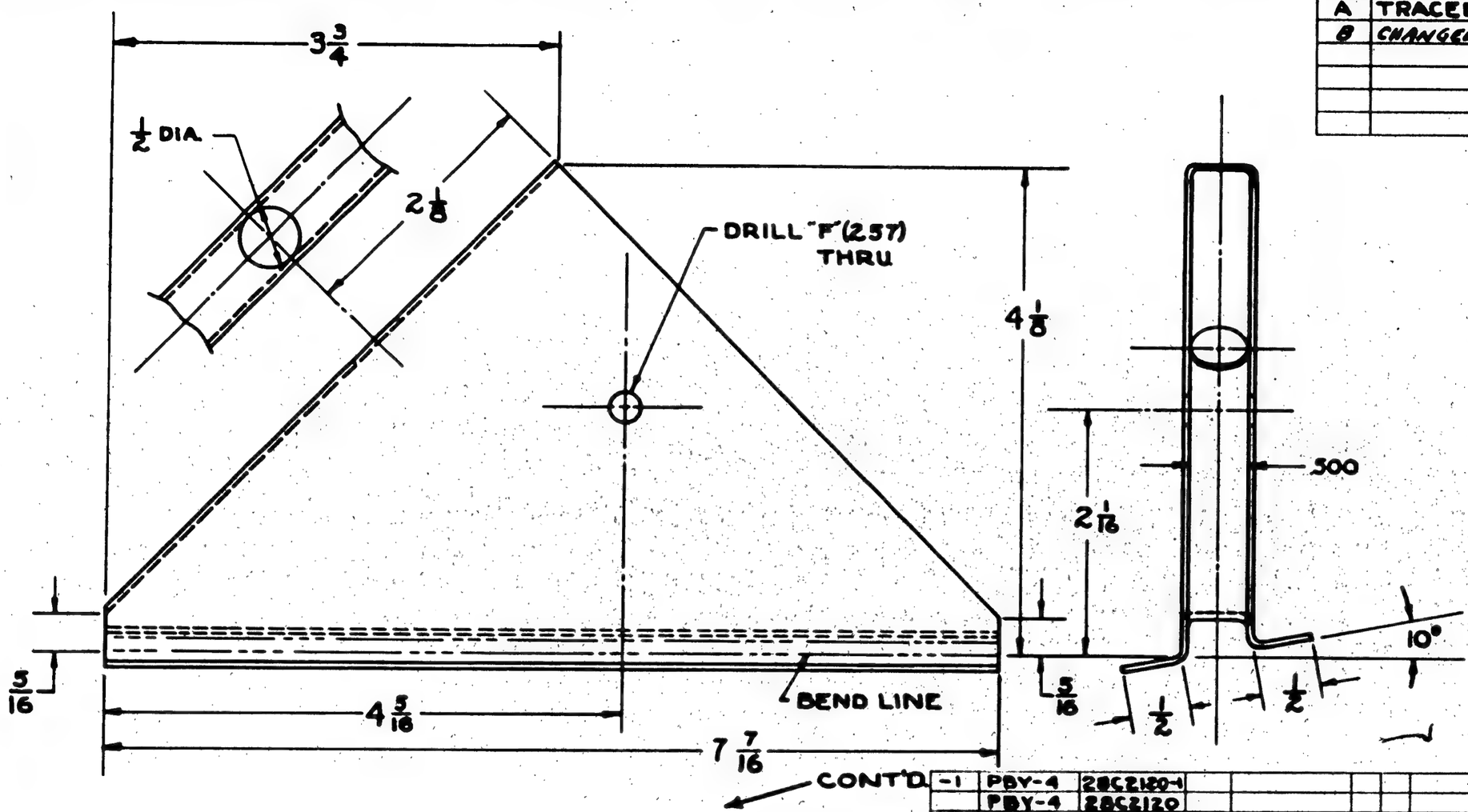
NOTED	NOTED	NONE	SEE NOTE #2	WEIR 1-14-31	CARLSON H.R.H.	R.
MATERIAL	SPEC.	HEAT TREA.	FINISH	E. ENGR.	MFGR.	ENG.

CONSOLIDATED AIRCRAFT CORP

NAME CABLE ASS'Y- S.B.A.E. CONTROL-RUDDER

DWG. NO. R 28C2122

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-28-38	WEIR
B	CHANGED MATL FROM "ST" TO "30"	4/3/40	ENGR



-1	PBY-4	28C2120-1																			
	PBY-4	28C2120																			
-1	PBY-3	28C2120-1																			
	PBY-3	28C2120																			
-1	PBY-2	28C2120-1																			
	PBY-2	28C2120																			
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH	RH	PART NO.	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH		
					REQ.			REQ.		REQ.		REQ.		REQ.		REQ.		REQ.			
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.																
[redacted]																1-7-37		CARLSON			
NAVY 020 AL. ALLOY SHEET - 2430				47A10 COND'A'			SE-53 COND'T'			Z-P-2AL						AHLAN		H.W.H.	R.		
MATERIAL				S' [illegible]			HEAT TREAT			FINISH						DRAFT	CHECK	EXAM.	ENG.		

REPLACES	RCW 1-25-38 APPROVED DATE
REPLACED BY	.18 & M.A. CALC. WT. ACT. WT.
1/32 & .010 LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED	12" = 1'-0" SCALE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

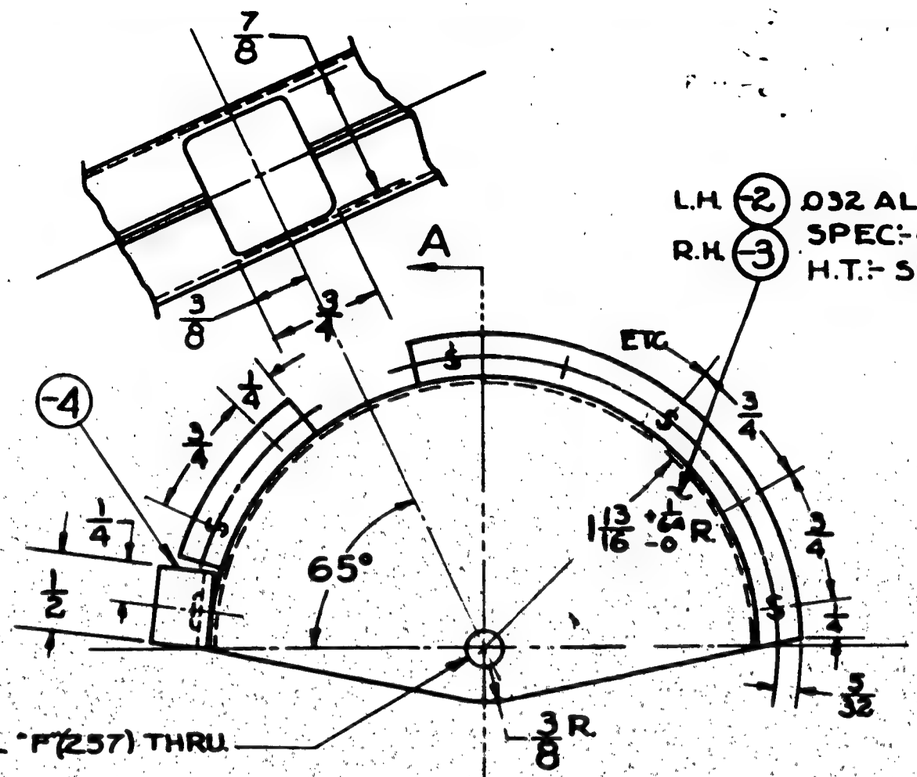
NAME BRACKET-CONT-AILERON SERVO PULLEY-OUTBOARD

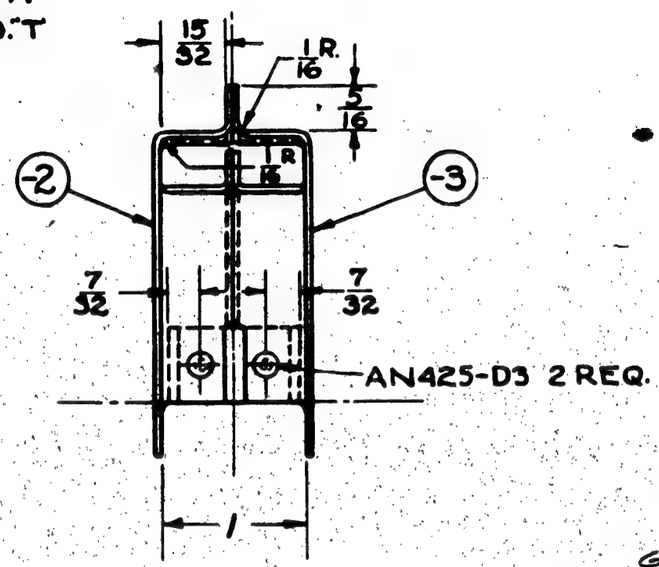
OPP. HAND 28C2128-1

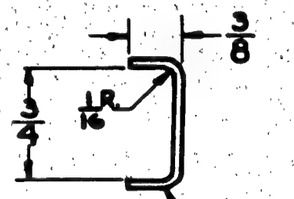
DWG. B 28C2128

-1	PBY-5	28C2120-1	
	PBY-5	28C2120	
O.H.	MODEL	NEXT ASSY	REQ.
REQ. PER AIRPLANE			

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
E	TRACED	1-28-38	Wenz
F	ADDED -10 ASS'Y	9-11-41	[redacted]
G	REMOVED -10 ASS'Y	11-15-42	[redacted]







C.70496 & 91876 & 1-80

UPTO HULL # 505, 507 to 552 & 563 to 577

-0	PBY-5	28C3126	2																				
-0	PBY-5A	28C3088	1																				
			1																				
-0	PBY-4	28C3126	2											-4	1								
-0	PBY-3	28C3126	2											-3		1							
-0	PBY-2	28C2126	2	AN425-D3	2									-2	1								
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.						PART NO.			LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY. -0 -1																		

REPLACES		APPROVED	DATE	AC				1-22-37		H.W.H	Ch
REPLACED BY		.06 GALC. WT.	S.N.A. AST. WT.	NAVY NOTED	NOTED	NONE	Z-P-2 GP	C.C.F.			R.
1/64 UNLESS OTHERWISE SPECIFIED		12"=1'-0" SCALE		MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

G.P.-GREEN PRIME

FINISH CODE	
Z	[redacted]
P	[redacted]
AP	[redacted]
C	[redacted]

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

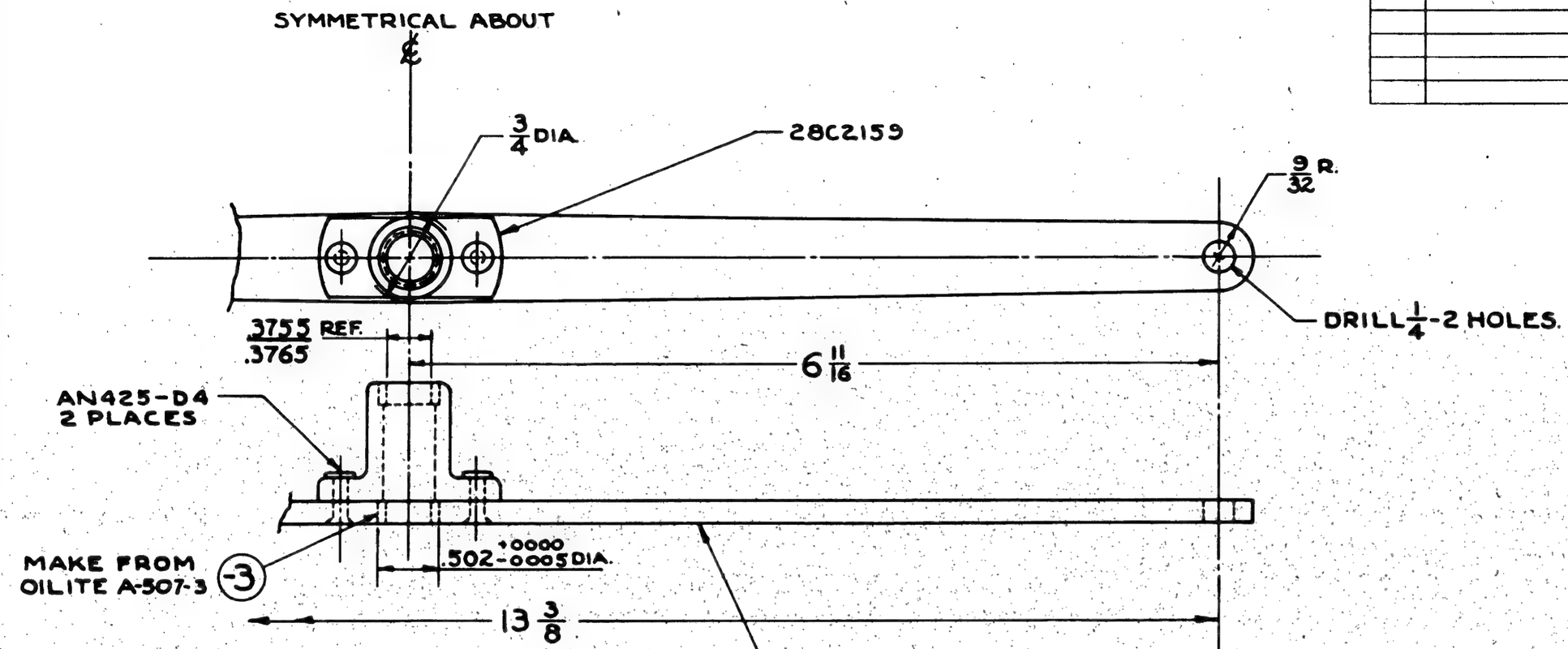
NAME GUARD - S.B.A.E
RUDDER CONTROL PULLEY

OPP. HAND

DWG. SIZE B

28C2130

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
G	TRACED	1-26-38	WEIR



G.P. GREEN PRIME

FINISH C	
Z	[redacted]
P	[redacted]
AP	[redacted]
C	[redacted]

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PBY5A	28C1251	1														
	PBY-4	28C2151					28C2159	1									
	PBY-3	28C2151					-3	1									
	PBY-2	28C2151		AN425-D4	2		-2	1									
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.												

REPLACES	CW 1-26-38 APPROVED	DATE
REPLACED BY	.23 CALC. [redacted]	ACT. WT.
1/32 LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±	12" = 1'-0" SCALE	

[redacted]

AC							
NAVY NOTED	NOTED	NONE	NOTED	WEIR		CN.	
MATERIAL	SPEC.	HEAT TREAT	FINISH	2-10-37 DRAFT	CHECK	H.W.H. EXAM.	R ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

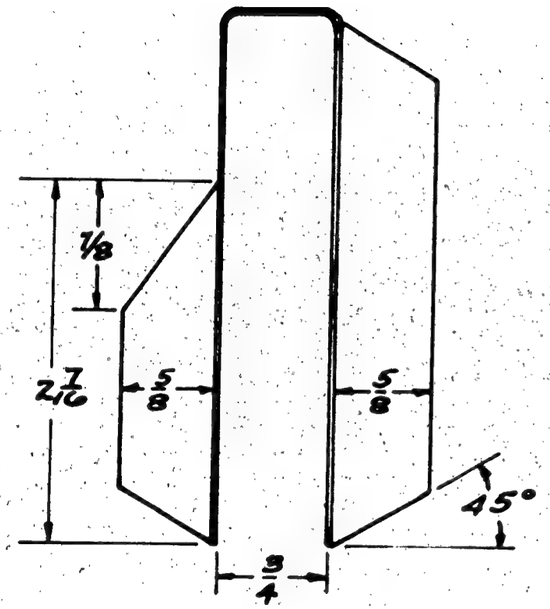
NAME ARM - CONTROLS
AUXILIARY CONTROL LEVER

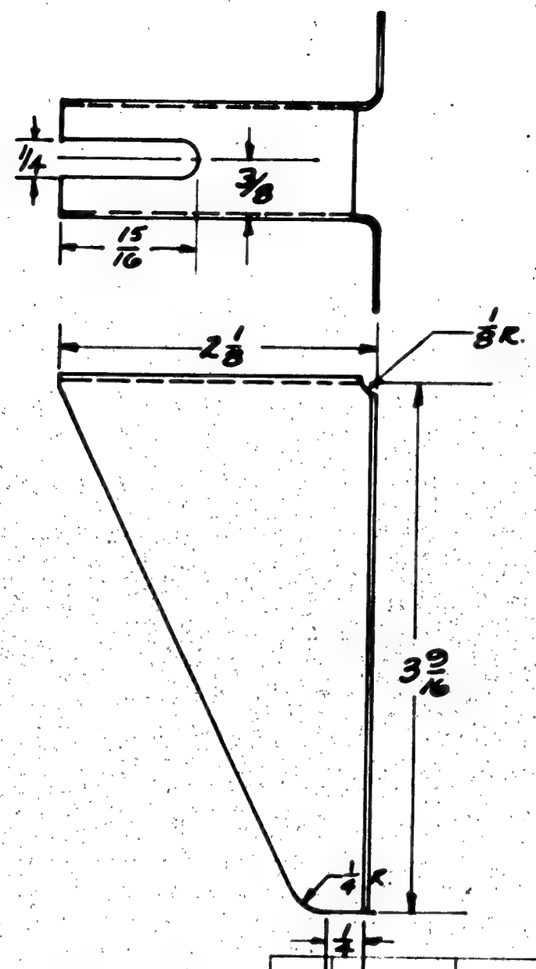
OPP. HAND

DWG. SIZE B 28C2133

PRINTED ON "IMPERIAL" TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-15-38	J. H.F.





BEND RADII TO BE 1/16

GP-GREEN PRIME

FINISH CO	
Z	[illegible] TREA. AL.
P	P-37 PRIMER
AP	AL[illegible] PRIMER
C	CADMIUM PLATE

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PBY5A	28C2124	1														
	PBY-4	28C2124															
	PBY-3	28C2124															
	PBY-2	28C2124															

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

A C							
NAVY: 030 AL. ALLOY SHEET - 24ST.	4T-AND CONA T.	NONE	Z-P-2 [illegible] G.P.	4-23-37		CC.F	R.
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

REPLACES	APPROVED	DATE
	[illegible]	2-15-38
REPLACED BY	.95 / 18.4 CALC. WT.	ACT. WT.
LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED 1/32 + −	SCALE 12" = 1'-0"	

[redacted]

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME GUARD - S.B.A.E - ELEV. CABLE - REAR

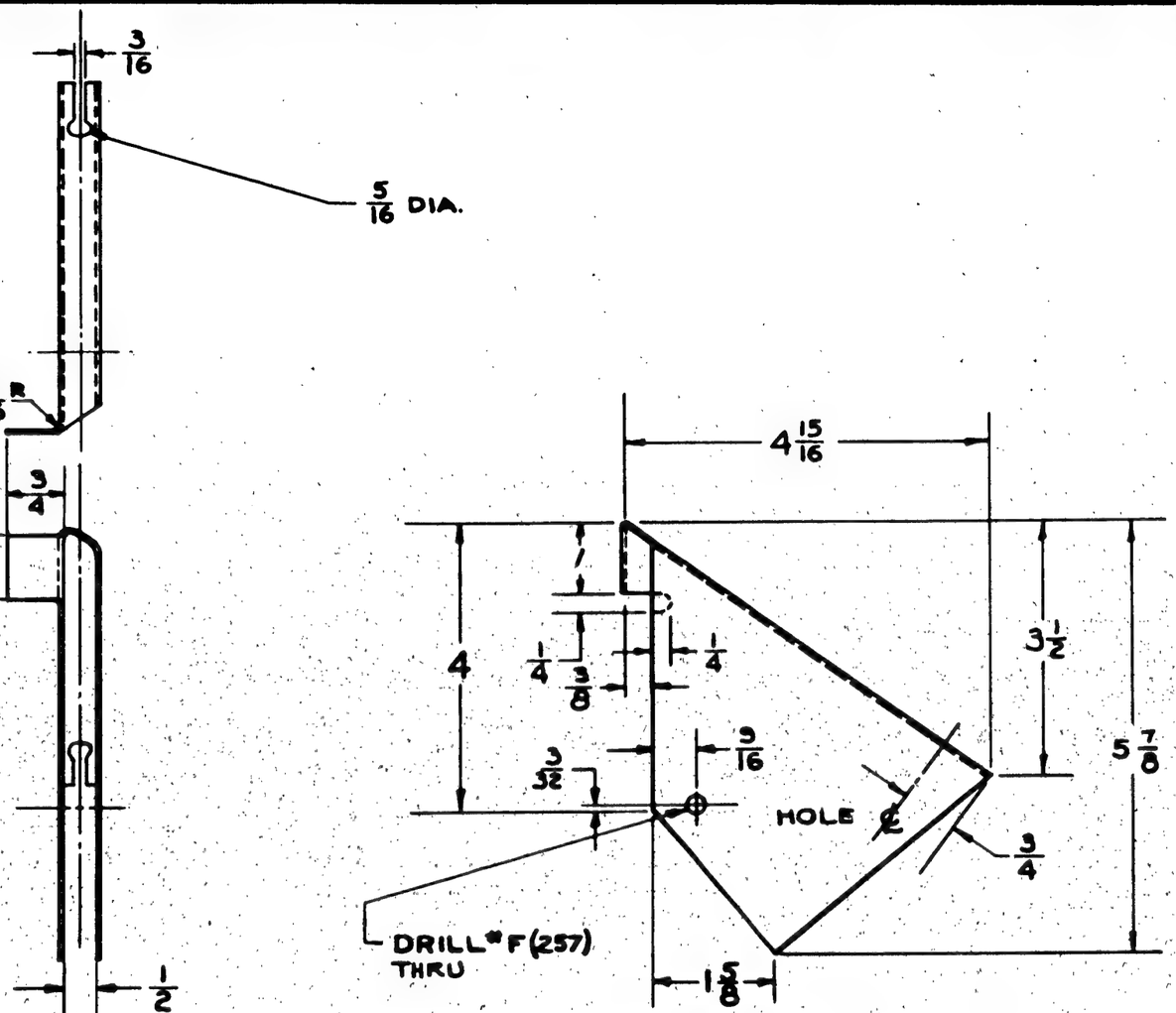
OPP. HAND

DWG. B SIZE

28C2156

PRINTED ON "IMPERIAL" TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-27-38	WEAR



G.P. GREEN PRIME

FINISH CODE	
Z	[illegible] TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

REPLACES	[redacted] APPROVED 1-27-38 DATE
REPLACED BY	.02 CALC. WT. ACT. WT.
1/32 LIMIT ON DIMENSIONS UNLESS + OTHERWISE SPECIFIED −	6" = 1'-0" SCALE

[redacted]

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PBY5A	28C2124	1														
	PBY-4	28C2124															
	PBY-3	28C2124															
	PBY-2	28C2124															

REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.
AC		

NAVY 24ST SHT-OLD AL ALLOY	47A10CONDT	NONE	Z-P-2 [illegible] G.P.
MATERIAL	SPEC.	HEAT TREAT	FINISH

5-14-37		CN.	
THOMPSON		MOFFAT	R.
DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME
GUARD-CONT-SBAE. ELEV. CABLE-B.F. 1.66-FRONT

OPP. HAND

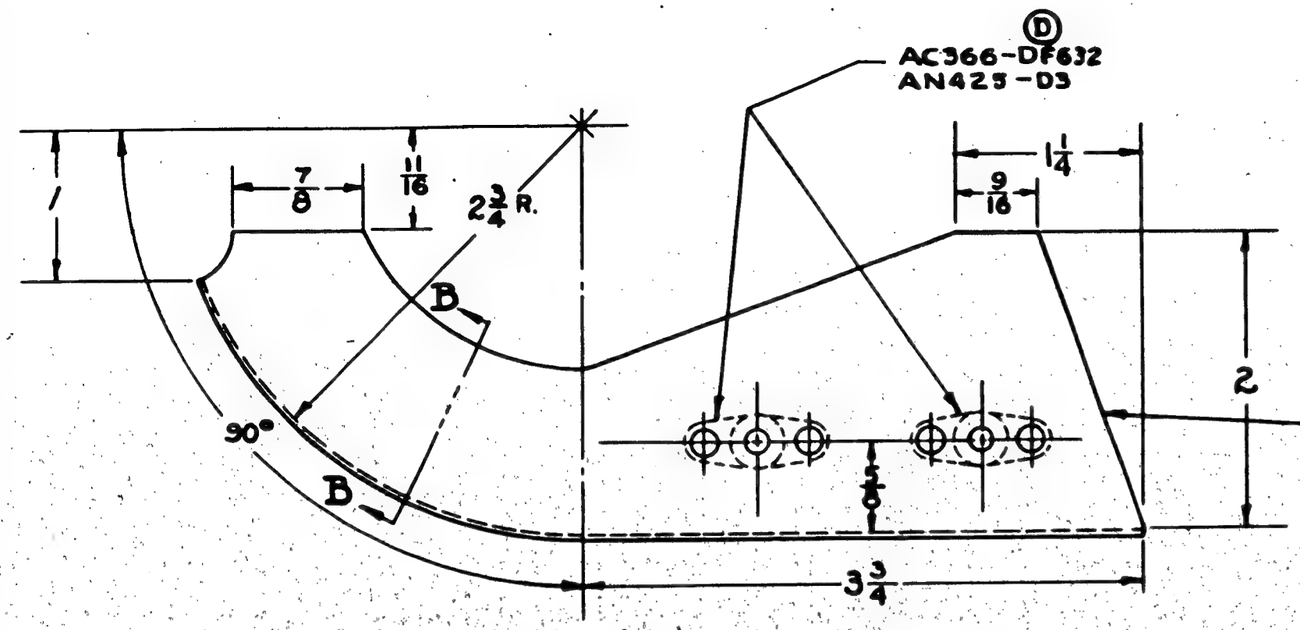
DWG. B SIZE

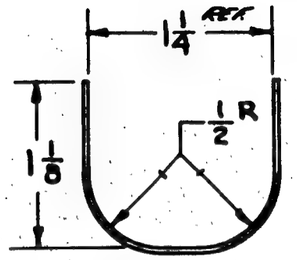
28C2164

PRINTED ON "[illegible]" TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	1-27-38	WEIR
C	REPLACED -2 FOR R.H. ASSEM.		
	WITH -3. ADDED DRILL NOTES	12-17-40	LATIMER
D	R/M & FACE DWG. AC366-DF632		
	WAS AC366-D632 . NO WT. CHG.	5-24-43	JACOBS

PBY-2, PBY-3
E.O. 27956

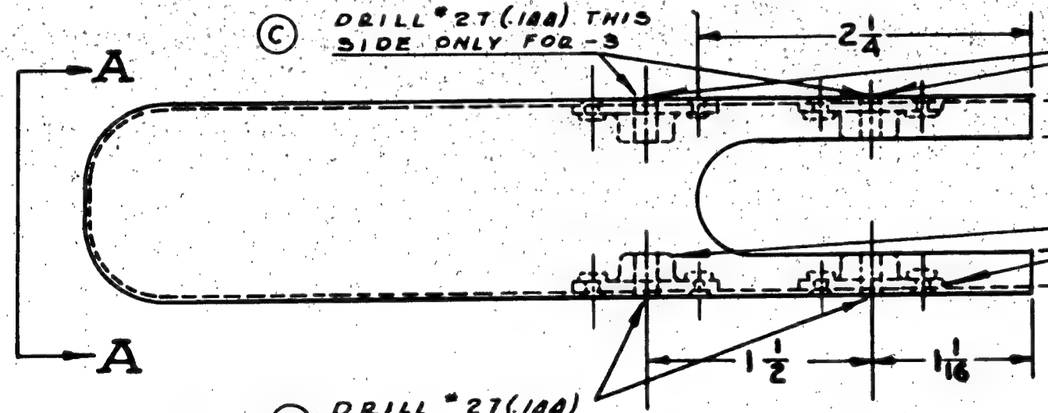




SECTION B-B

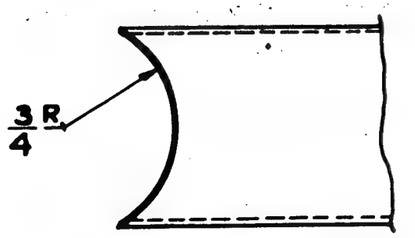
C -2 -3 .030 AL. ALLOY SHT-2450
SPEC:47A10-COND A.
HEAT TREAT:-3R53
FINISH:-Z-P-2GP

FINISH: ANODIZE, P27 PRIMER, 2 GREEN PRIME



FOR 28C2165-1
LOCATE AC366-D632
HERE ONLY.

FOR 28C2165
LOCATE AC366-D632
HERE ONLY.



SECTION A-A

O.H.	MODEL	NEXT ASSY.	REQ.
B/S	PBY-6	28E205	1 EA.
-R	PBY-5A	28C003	1
-L	PBY-5A	28C003	1
-1	PBY-4	28C003	
	PBY-4	28C003	
-1	PBY-3	28C003	
	PBY-3	28C003	
-1	PBY-2	28C003	
	PBY-2	28C003	
-1-R	PBY-5B	28C003	1 EA.

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN425-D3	4	4	-3		1						
AC366-DF632	2	2	-2	1							

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES	APPROVED	DATE
	[redacted]	1-27-38
REPLACED BY	CALC. WT. .10 LBS	ACT. WT.
1/32 LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED	SCALE 12" = 1'-0"	

AC				52437			
NAVY NOTED	NOTED	NOTED	NOTED	Thompson		Moffat	R.
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

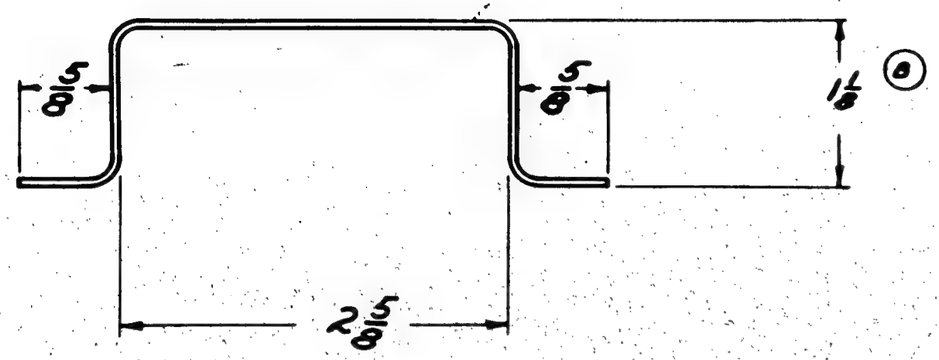
CONSOLIDATED AIRCRAFT CORP.

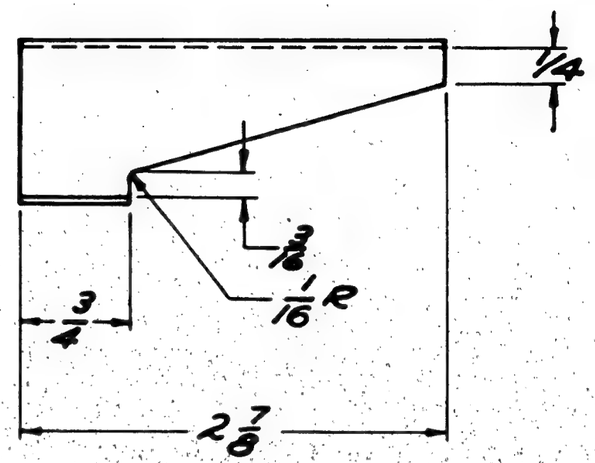
NAME GUARD-CONT. COLUMN AILERON PULLEY

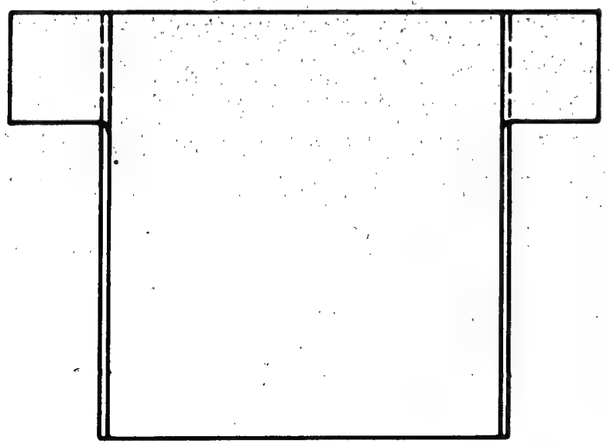
OPP. HAND 28C2165-1

DWG. B 28C2165

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	9-16-38	James
B	DIM. WAS 1 3/16.	9-27-41	TEACH
C	CHG. MAT'L FROM (CONDT) TO (CONDA)		
	(NO WT. CHG)	3-14-42	Crouthers







ALL BEND RADII 1/8

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	P8Y-5A	28C5010	1														
	P8Y-5	28C3018	1														
			1														
			1														

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES	RAW 3-16-38 APPROVED	DATE
REPLACED BY	.05 CALC. WT.	ACT. WT.
.015 LIMIT ON DIMENSIONS UNLESS + OTHERWISE SPECIFIED −	12"=1'-0" SCALE	

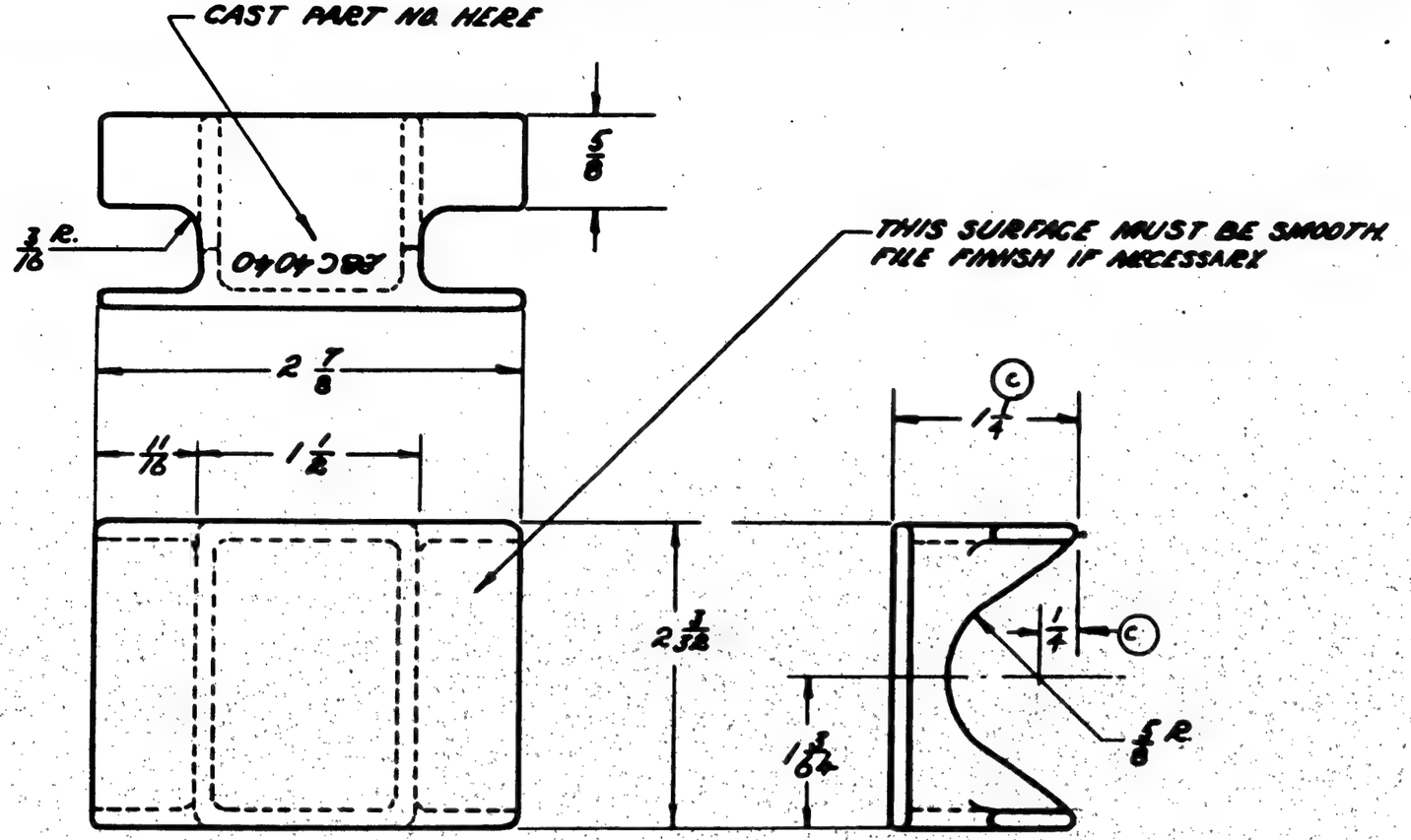
AC								
NAVY .040 AL. ALLOY	AMS Normal	SR-53	Z-P	8-30-37 BC		HWN	R	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.	

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

NAME SUPPORT-SBAE-PLATFORM BANKING SERVO MOTOR FOLLOWUP PULLEY BRACKET

OPP. HAND

DWG. B SIZE 28C3022



E.O. 21051

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	4-12-39	KENNEDY
C	1/4 WAS 1 13/64, 1/4 WAS 5/16	10/20/40	GRAS

G.P.-GREEN PRIME

FIGURE CODE	
A	
P	
AP	
C	

NOTE:
1. ALL WEBS AND FILLETS NOT NOTED TO BE 1/8
2. ALL EDGE RADII TO BE 1/16

	PBY-5B	28C2025	10								
	PBY-5A 5A	28C2025	10 A.								
	PBY-4	28C2025									
	PBY-4	28C2025-1									
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		

REPLACES	L.C. [redacted] 4-12-39 APPROVED DATE						
REPLACED BY							
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±	.18 CALC.WT.	ACT.WT.	SCALE 12"=1'-0"	REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.	
[redacted]	AC					MEYR	CN
	NAVY AN-ALLOY CASTING	4140-CL.4	28000 #/□	Z-P-[redacted] C.P.		[redacted] 39	MH
	MATERIAL	SPEC.	HEAT TREAT	FINISH		DRAFT	CHECK EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

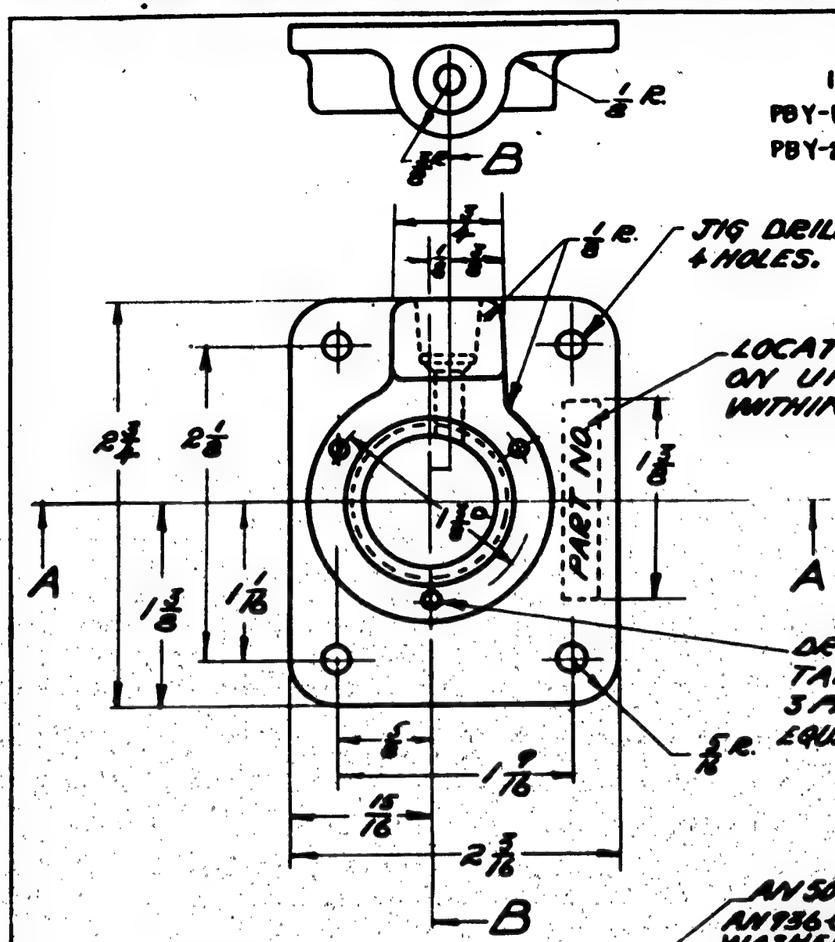
NAME: BRACKET - CONTROL AILERON PUSH AND PULL TUBE

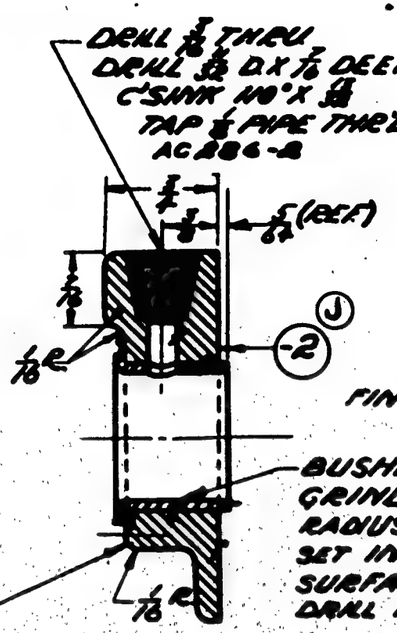
OPP. HAND

SIZE B — DWG. 28C4040

SULLIVAN-MCGOWAN CO., INC., BUFFALO

INCORPORATES
PBY-1 BU. AER. CHG #131
PBY-2 " " #91





FINISH: 2-P

BUSHING Q700C28-22
GRIND TO 880 +.000 -.005 I.D.
RADIUS INSIDE EDGES APPROX 1/32 AS SHOWN.
SET IN WET PRIMER. NO PAINT ON BEARING SURFACE.
DRILL HOLE IN BUSHING AFTER ASS'Y.

SEC. B-B

NOTE: -3 & ABC4075 NOT SHOWN

Q7030-N65-015 UNDER BUSHING FLANGE. CEMENT WASHER TO -2 BEFORE ASS'Y. OF BUSHING. APPLY PRIMER TO OUTSIDE DIA. OF BUSHING AND BACK OF FLANGE. ASSEMBLE BUSHING WHILE PRIMER IS STILL WET.

NOTE:
UNMARKED CORNERS & RADII APPROX. 1/32 R FOR CASTING & 1/64 R FOR MACHINING.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
G	TRACED TO DATE	1-29-51	[illegible]
H	MAT'L. FOR -3 "FELT --- S.A.E. F-3"		
	WAS "HARD WHITE FELT WASHER		
	3/4 I.D. X 1 3/4 O.D. X 1/8 S.A.E. F-3"		
	WT. CHG. NEG.	10-24-[illegible]	[illegible]
J	IN B/M REPLACED "NONE" WITH		
	"NOTED." FROM FACE REMOVED NOTE		
	AT -2 "ALUM. ALLOY CASTING SPEC.		
	46A1 CL4;" ADDED "MATERIAL NOTE.		
	NO WT. CHG.	8-20-45	HOOK

GP. GREEN PRIME

FINISH CODE	
2	[redacted]
P	[redacted]
AP	[redacted]
C	[redacted]

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
-2	28-5 MAKE	28T5104	1 EA.						
-2	28-5 MAKE	28T5104	1 EA.						
-2	28-5 MAKE	28T5104	1 EA.	ABC4058-2	1				
-2	PBY-5B	28T5104	1	AN525-6-8	8				
-2	PBY-5, -5A	28T5104	1 EA.	ABC4075	1				
	PBY-1	28C4051		AN936-C6	8				
	PBY-2	28C4051		AN286-8	1				
	PBY-3	28C4051		Q7030-N65-015	1				
	PBY-4	ABC4057		ABC4058-2	1				

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC | NAVY NOTED | MATERIAL

NOTED | NOTED | ASSEM & GP. | FINISH

SPEC. | HEAT TREAT

6-9-45 | DRAFT | CHECK | EXAM. | ENG.

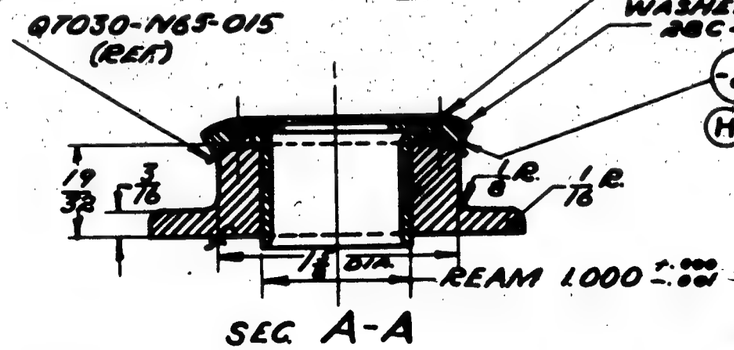
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010 ±1° CASTING
SCALE 12"=1-0"
LC Mfr. 2 APPROVED DATE
CALC. WT. .01? ACT. WT.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

NAME
BEARING-RUDDER LOCK CONTROL - TAIL POST

OPP. HAND
SIZE B
28C4052

MATERIAL NOTE:
-2 MAY BE MADE FROM:
(J) 1- AL. ALLOY CASTING 195T4, SPEC. AN-QQ-A-590 CL.I, T.S. 29,000 P.S.I., OR
2- AL. ALLOY CASTING, S195T6, SPEC. AN-A-5 CL. II, T.S. 32,000 P.S.I.



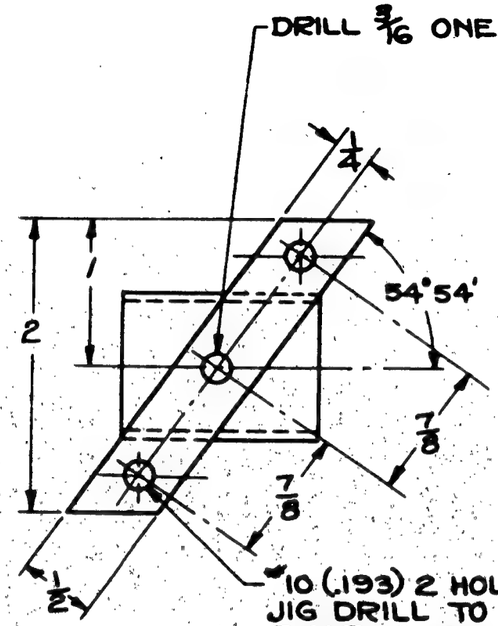
SEC. A-A

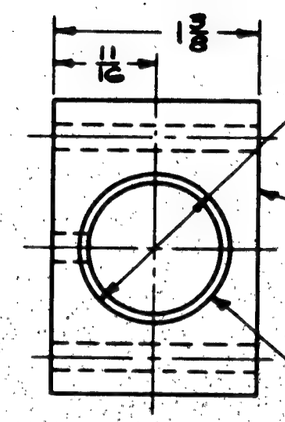
INCORPORATES
PBY-1 BU. AER. CHG. #131
PBY-2 " " #91

PBY-5
28-5
PBY-5A
E.O. 38213

E.O. A43520

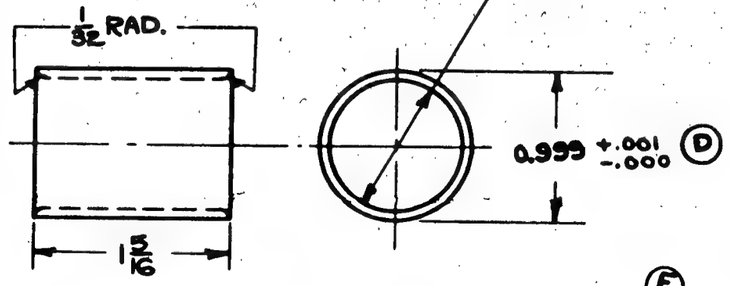
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED TO DATE	2-19-39	[illegible]
D	-2 0.998 +.000 -.001 WAS 1.000 +.000 -.001	4-12-41	[illegible]
	-3 0.999 +.001 -.000 WAS 1.001 +.001 -.000		
E	ON DETAIL -3 GRIND TO .875 +.005 -.000 I.D.	4-4-42	[illegible]
	WAS GRIND .880 +.002 -.000 I.D. WT. CHG. NEG.		
F	-3 CALLOUT Ø600F28-42 WAS		
	CORR. RES. STEEL BAR SPEC.		
	ALSIB GRT TYPE "E" ADDED		
	NOTE "PHENOLIC --- GRAPHITED		
	-NEG. WT. CHG.	4-28-42	[illegible]





NOTE: BREAK UNMARKED CORNERS & RADII APPROX. 1/64 R.

G.P. GREEN PRIME



DETAIL OF -3
MAKE FROM Ø600F28-42
NOTE: PHENOLIC ROLLED TUBING NOT TO BE GRAPHITED.

	28-SAMN	28T5101	1										
	28-SAA MC	28T5101	1										
	28-SAMN	28T5101	1										
	PBY-5B	28T5101	1										
	PBY-5A5A	28T5101	1										
	PBY-1	28C4051	1										
	PBY-2	28C4051	1										
	PBY-3	28C4051	1									-3	1
	PBY-4	28C4051	1									28C4055-2	1
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES					
REPLACED BY					
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED		± .010			
I.C.W. APPROVED	1-13-39 DATE				
.20 CALC. WT.	ACT. WT.				
SCALE 12"=1'-0"	REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.	
AC			G.P.	6-16-38	INSPECT 6-21-38
NAVY NOTED	NOTED	NONE	(ASSEM.) P-2	V. DE KIRBY	VNJE R.
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT CHECK	EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

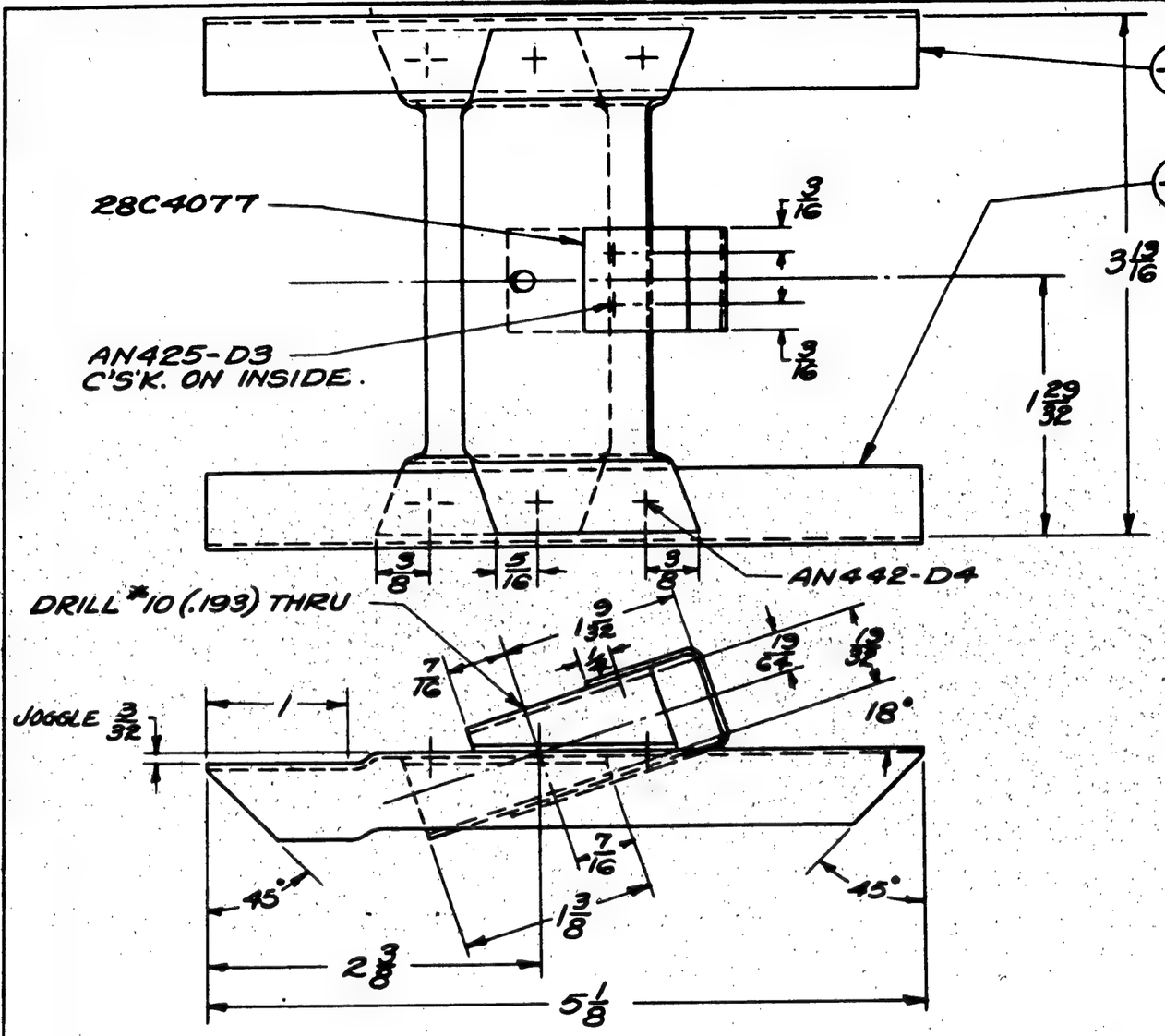
NAME
BEARING-RUDDER LOCK CONTROL-REAR HULL B'LK'D.

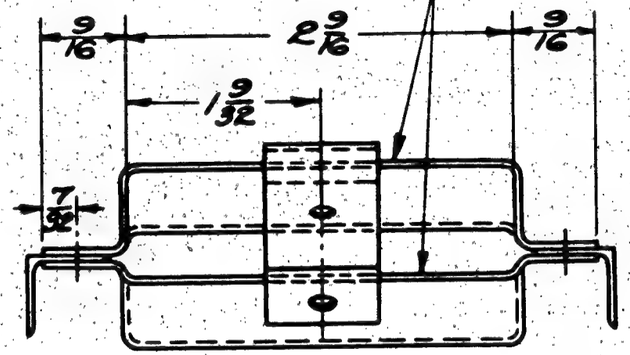
OPP. HAND
SIZE B
28C4055

SULLIVAN-MERRIGAN CO., INC., BUFFALO
BLUEPRINT TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	1-13-39	BARBER
C	-1 MAT. .040 AL. ALLOY 2450 WAS 24 ST		
	HEAT TREAT NOTE ADDED	11-26-40	HORST

INCORPORATES
PBY-1 BU. AER. CHG. #131
PBY-2 " " #91





G.P. GREEN PRIME

FINISH CODE	
Z	[redacted]
P.	[redacted]
AP	[redacted]
C	[redacted] PLATE

NOTE:-
ALL BEND. RADII 1/16

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28C4050	2				28C4077	1	
	PBY-5A/5A	28C4050	2 ea						
	PBY-1	28C4059							
	PBY-2	28C4059					28C4056-3	1	
	PBY-3	28C4059		AN425-D3			28C4056-2	1	
	PBY-4	28C4059		AN442-D4			28C4056-1	2	

REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.				
AC			G.P.	6-23-38		AIRCRAFT 6-23-38		
NAVY NOTED	NOTED	NOTED	NOTED & R	SYREN		VINJE	R	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.	

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED [redacted] DATE 1-13-39
CALC. WT. .12 ACT. WT.
SCALE 12"=1'-0"

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

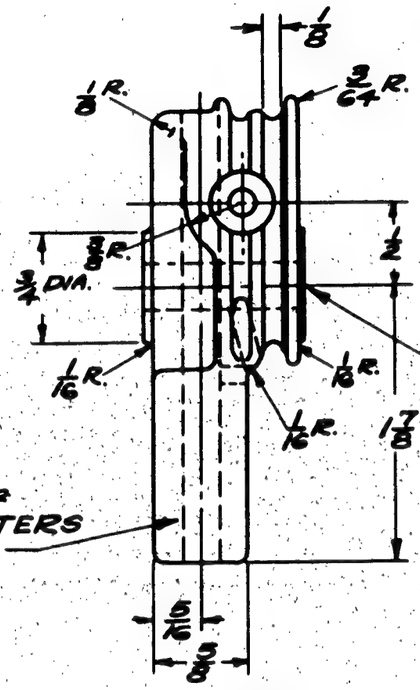
NAME BRACKET-RUDDER LOCK STA. #6-LOWER PULLEY

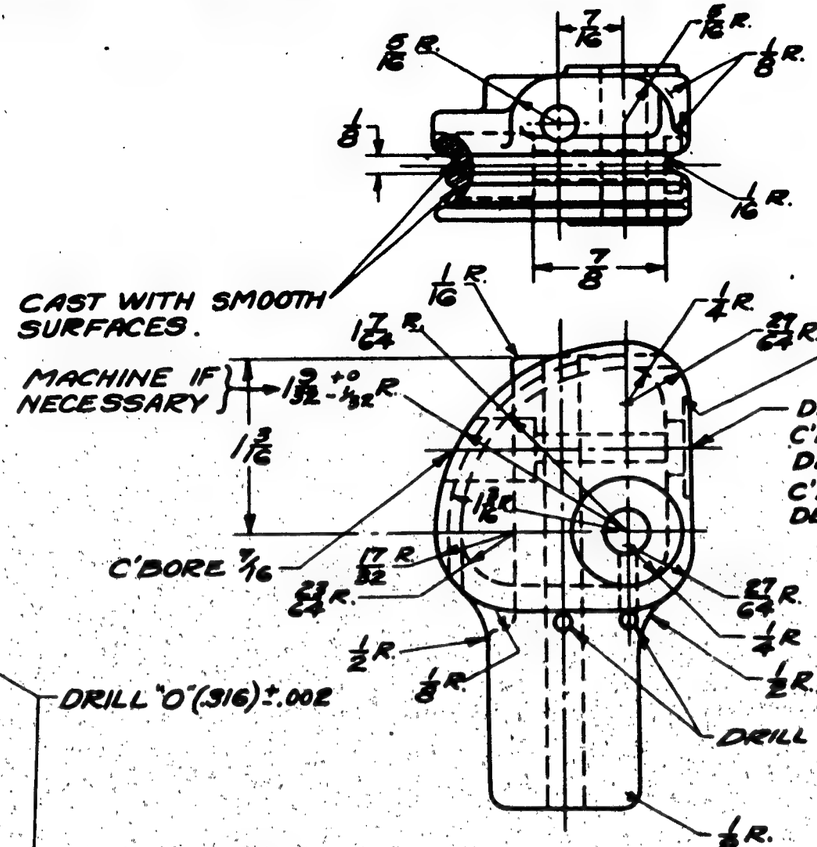
OPP. HAND

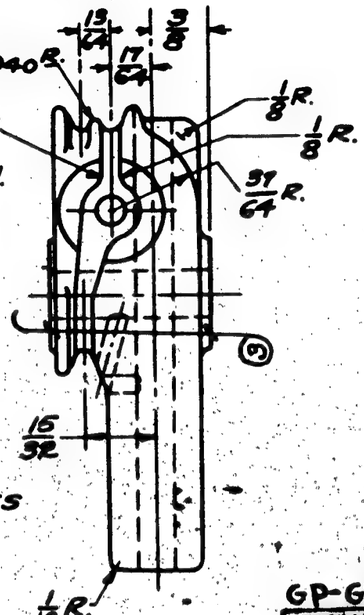
DWG. B SIZE 28C4056

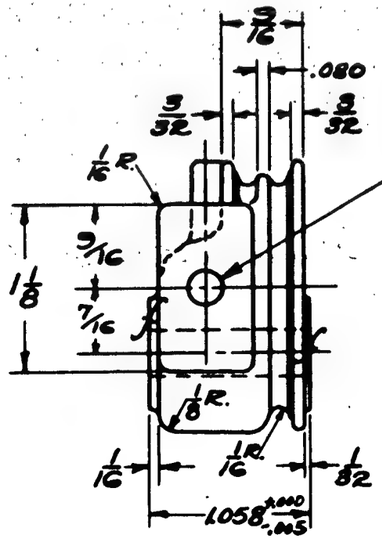
INCORPORATES
PBY-1 BU. AER. CHG. #131
PBY-2 " " #91

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
E	TRACED	1-16-39	[redacted]
F	FROM B/M REMOVED "AL. ALLOY" CASTING" 46AICL.4,T 20,000 #/IN²"		
	ADDED "NOTED" TO FACE ADDED		
	MATERIAL NOTE. NO WT. CHG.	8-18-43	MODIF.









Ⓕ MATERIAL MAY BE CASTING:
1.-AL. ALLOY 195T4, SPEC. AN-QQ-A390 CL I, T.S. 28,000 P.S.I., OR
2.-AL. ALLOY 5195TG, SPEC. AN-A6 CL II, T.S. 32,000 P.S.I.

GP-GREEN PRIME FINISH CL.

SEE RELEASE SHEET

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28C4066	1						
	PBY-5A	28C4066	1						
	PBY-1	28C4066							
	PBY-2	28C4066							
	PBY-3	28C4066							
	PBY-4	28C4066							

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 ON CSTGS. − .010 MACH.

J.C.W. APPROVED 1-18-39 DATE
.32 CALC. WT. ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY NOTED
MATERIAL

REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.
NOTED	NOTED	Z-P-26P
SPEC.	HEAT TREAT	FINISH

6-17-38		APPROVED 6-20-38			
HALV.		VINGE	R		
DRAFT	CHECK	EXAM.	ENG.		

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

NAME
QUADRANT - RUDDER LOCK - COCKPIT

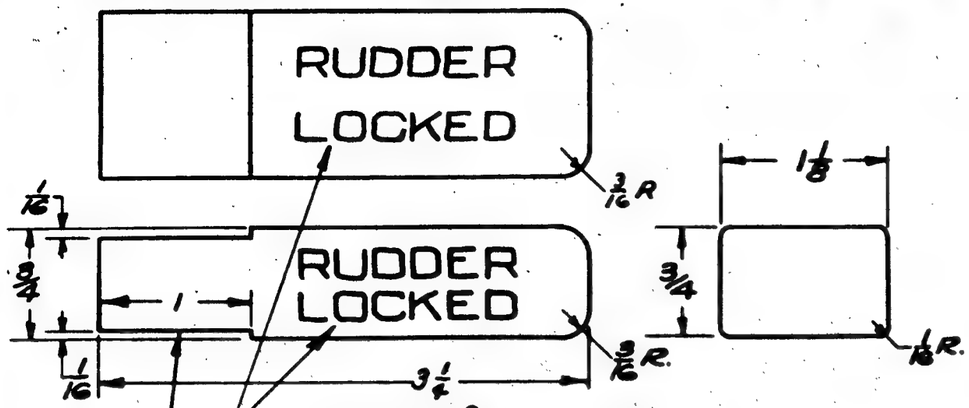
OPP. HAND
DWG. B SIZE 28C4063

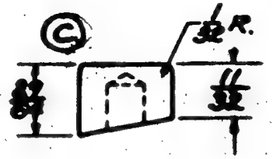
28C4063

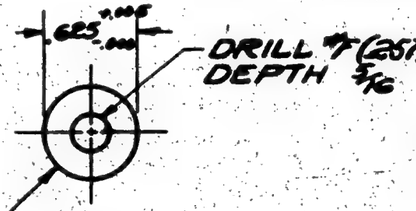
SULLIVAN-MATTESON CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

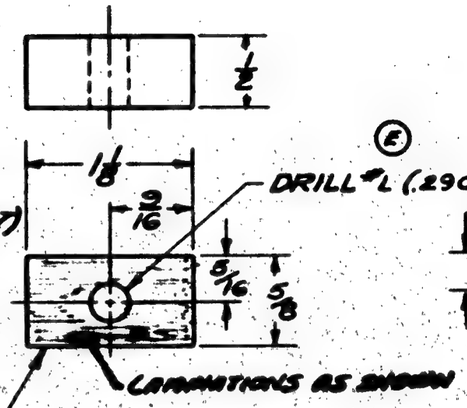
INCORPORATES
PBY-1 BU. AER. CHG. #131
PBY-2 " " #91
E.O. 29370
E.O. 28281B

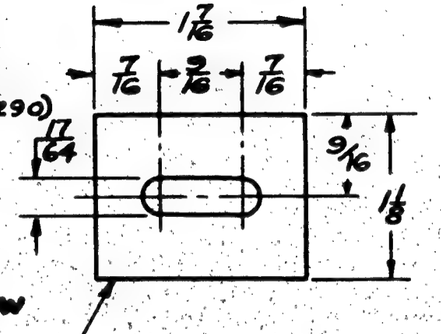
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	1-18-39	[illegible]
C	CHANGED DIM. AT (-4) 23/64 WAS [illegible]	12-26-40	[illegible]
	3/64 ⌀ 1/32 WAS 3/16 ⌀ REMOVED 7/16		
D	ADDED -5N TO DWG. FACE & 4/M	1-13-42	[illegible]
E	(-3) DRILL "L (.290) WAS "F (.270)	4-4-42	[illegible]











(-5) PHENOLIC HANDLE
17P5 TYPE FBG FORM S
ALL SURFACES TO HAVE DULL FINISH.
FINISH - RED LACQUER.

NOTE- IF AVAILABLE, HANDLE CAN BE MADE FROM RED PHENOLIC MATERIAL.

(-4) PHENOLIC ROD 1/2 LG.
17P5 TYPE FBG FORM R

(-3) PHENOLIC BEARING
1/2 x 9/16 x 1 1/8
17P5 TYPE FBG FORM S

(-2) PHENOLIC GUIDE
1 1/8 x 1 1/8 x 1 7/16
17P5 TYPE FBG, FORM S

(-5N) DIMS. SAME AS -5
(D)

BLOKKEERING
RICHTINGSROER

BLOKKEERING
RICHTINGSROER

DASH NO.	CALC. WT.	ACT. WT.
-2	.01	
-3	.016	
-4	.006	
-5	.13	

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32
A.C. APPROVED	DATE
NOTED CALC. WT.	ACT. WT.
SCALE 12"=1'-0"	
AC	
NAVY NOTED	
MATERIAL	
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.	
STAMP PT. No. WHERE SHOWN	

-4	28-5AM,C,LH	28C4062		-5	28-5AM,C,LH	28C4066	
-2-3	28-5AM,C,LH	28C4066		-4	28-5AM,C,LH	28C4062	
4	PBY-5 5AM,C,LH	28C4062	1	-2-3	28-5AM,C,LH	28C4066	
-2-3-6	PBY-5,5AM,C,LH	28C4066	1	-5	28-5AM,C	28C4066	
-4	PBY-1	28C4062		-5N	28-5AM,C,RH	28C4066	
2-3-5	PBY-1	28C4066					
-4	PBY-2	28C4062					
2-3-5	PBY-2	28C4066					
-4	PBY-3	28C4062					
2-3-5	PBY-3	28C4066					
-4	PBY-4	28C4062					
2-3-5	PBY-4	28C4066					

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT. RANKIN	PARTS LIST PER ASSY.				
NOTED	NONE			-5 NOTED					
SPEC.	HEAT TREAT			FINISH					

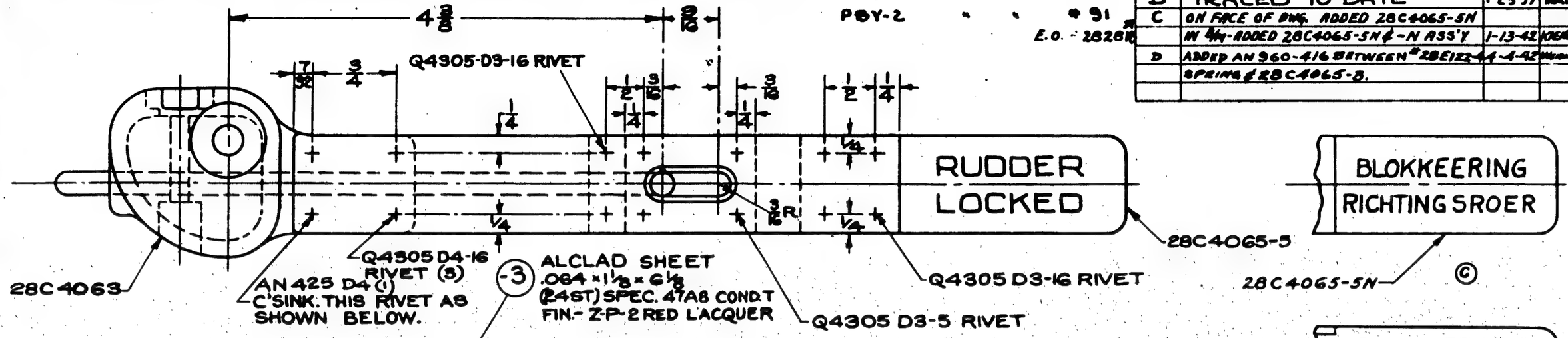
HALV.		Harvey Ivins		
6-20-38		6-20-38		R.
DRAFT	CHECK	EXAM.		ENG.

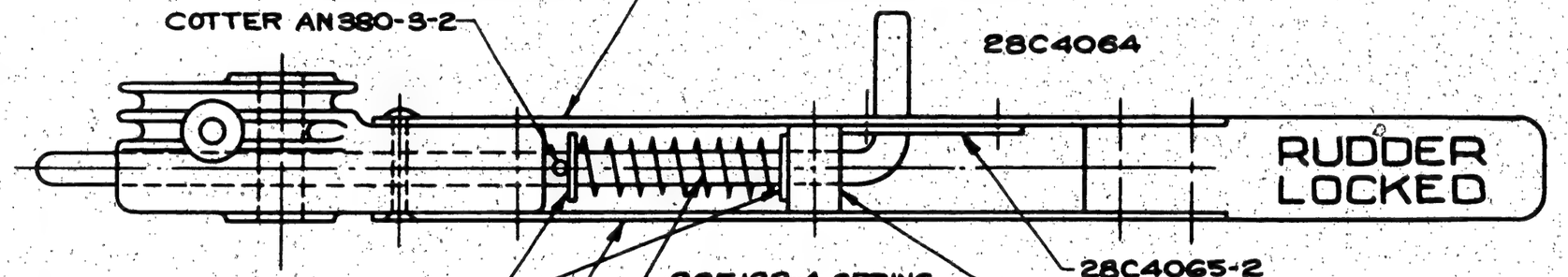
NAME
FIBRE PARTS
RUDDER LOCK-COCKPIT

OPP. HAND
DWG. B SIZE
28C4065

INCORPORATES
PBY-1 BU. AER. CHG. #131
PBY-2 " " #91
E.O. - 28281

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED TO DATE	1-23-39	
C	ON FACE OF DWG. ADDED 28C4065-5N		
	IN 4th-ADDED 28C4065-5N & -N ASS'Y	1-13-42	
D	ADDED AN 960-416 BETWEEN #28E122-4 & 28C4065-3.	4-4-42	
	SPRING & 28C4065-3.		





BLOKKEERING
RICHTINGSROER

NOTE:-
TOUCH UP RIVETS WITH RED LACQUER AFTER ASSEMBLY.

FINISH CODE	
Z	[illegible]
P	P-11 PRIMER
AP	[illegible]
C	CADMIUM PLATE

-0	28-5 [illegible]	28C4060	1				
-N	28-5 [illegible]	28C4060	1 EA.				
-0	28-5 [illegible]	28C4060	1 EA.				
-0	PBY-5, A+B	28C4060	1 EA.				
-0	PBY-1	28C4060					
-0	PBY-2	28C4060					
-0	PBY-3	28C4060					
-0	PBY-4	28C4060					

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	-0	-N
							AN 425-D4	1	1
							AN 960-416	2	2
							AN 380-3-2	1	1
							Q4305 D4-16	3	3
							Q4305 D3-16	6	6
							Q4305 D3-5	4	4
							28C4065-5N		1
							28E122-4	1	1
							28C4065-5	1	
							28C4065-3	1	1
							28C4065-2	1	1
							28C4064	1	1
							28C4063	1	1
							-5	1	1
							28C4066-2	1	1

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + -
CALC. WT. .99 ACT. WT.
SCALE 12"=1'-0"
APPROVED L. Chr. 2. DATE 4-25-39
AC
NAVY NOTED
MATERIAL

REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.			
				HALV.		PRATT YNJF	
NOTED	NONE	NOTED		6-21-38		6-21-38	R.
SPEC.	HEAT TREAT	FINISH		DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. NO. WHERE SHOWN

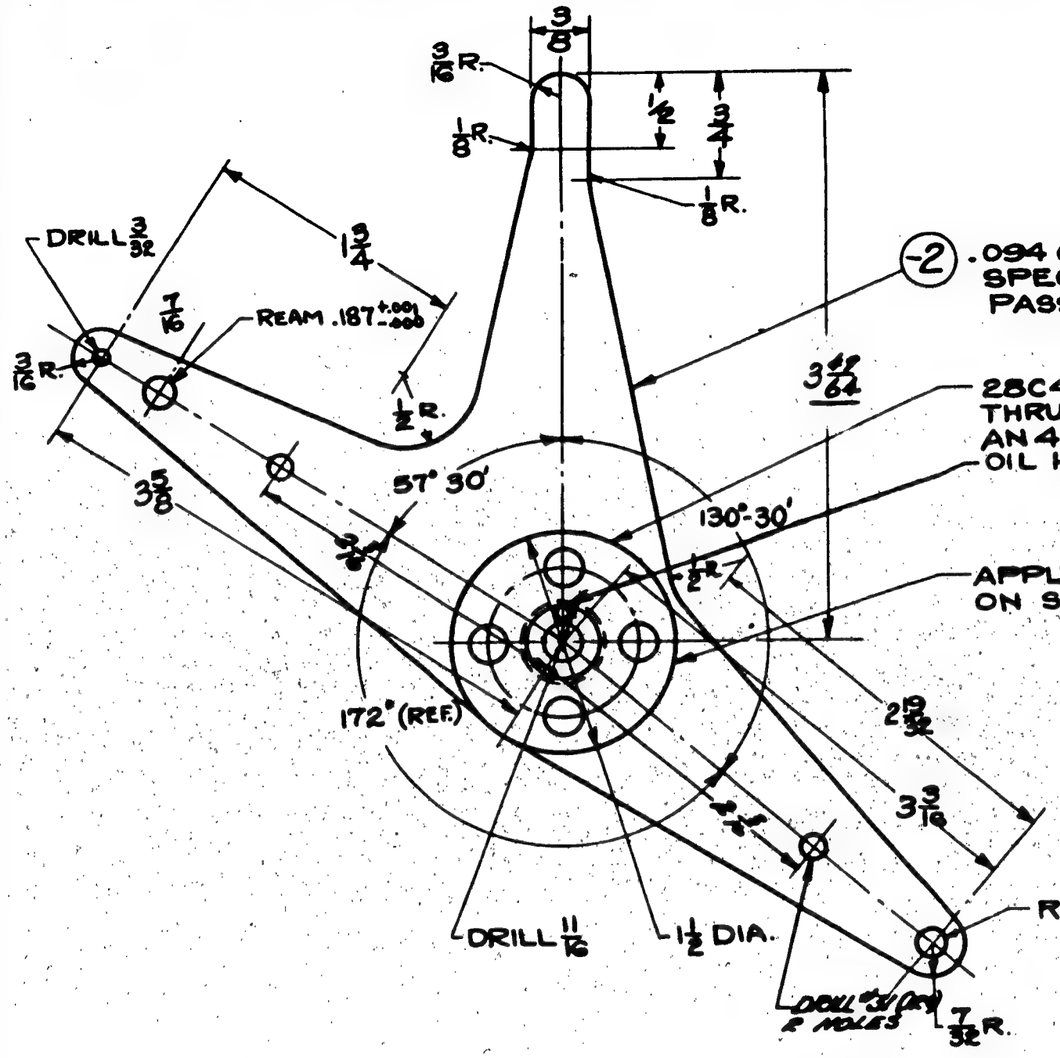
NAME
HANDLE - CONTROL
RUDDER LOCK - COCKPIT

OPP. HAND
DWG. B SIZE
28C4066

CONSOLIDATED AIRCRAFT CORP. BUFFALO
IMPERIAL VERMILION BLOCK

INCORPORATES
PBY-1 BU. AER. CHG. #181
PBY-2 " " #91

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED	1-25-38	[illegible]
E	DIM. WAS 3 49/64, NOW 3 11/16	2-10-38	KENNEDY
F	ADDED 2-1/8 HOLES	2-10-38	KENNEDY
G	2 9/16 WAS 2 13/16	2-10-38	KENNEDY
H	OIL HOLE LOCATED	3-22-38	G.E.T.

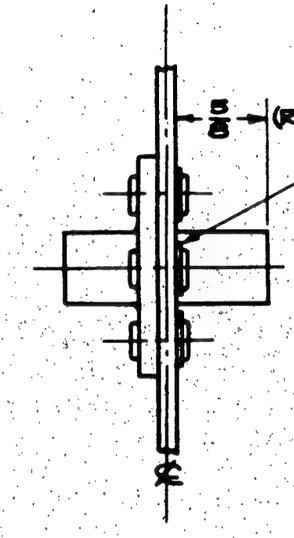


(2) .094 CORR. RES. STEEL SHEET SPEC. 47821 TEMPER 1/4 H. PASSIVATE

28C4073 - DRILL FOUR 1/8 HOLES THRU (1/16 PILOT HOLES AS GUIDES). AN 442 D4 RIVETS.

OIL HOLE (REF.)

APPLY 2 COATS OF PRIMER ON SURFACES IN CONTACT



AN 960 AB WASHER UNDER HEAD OF EACH RIVET

	PBY-5B	28T5101	1							
	PBY-5A	28T5101	1							
	PBY-1	28C4051								
	PBY-2	28C4051								
	PBY-3	28C4051		AN960AB	4		28C4073	1	
	PBY-4	28C4051		AN442D4	4		28C4074-2	1	
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64 4± 1/2°

APPROVED [illegible] DATE

CALC.WT. .54 ACT.WT.

SCALE 12" = 1'-0"

AC

NAVY NOTED

MATERIAL

REQUIREMENTS PER AIRPLANE

NOTED	NONE	NOTED
SPEC.	HEAT TREAT	FINISH

MAT.

PARTS LIST PER ASSY.

Vde KIRBY		PRATT WHITE	R.
6-17-38		6-20-38	
DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME
BELLCRANK - RUDDER LOCK CONTROL

OPP. HAND

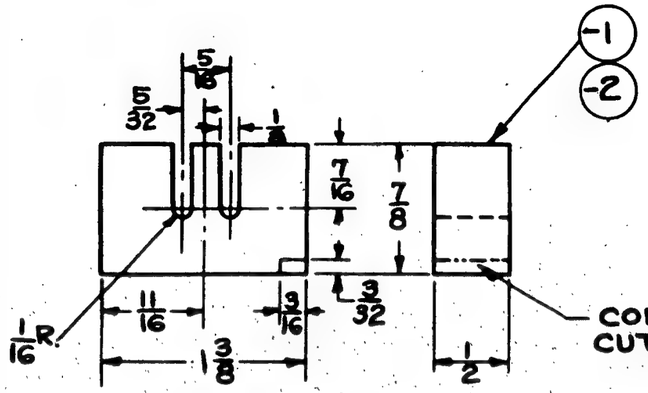
SIZE B

28C4074

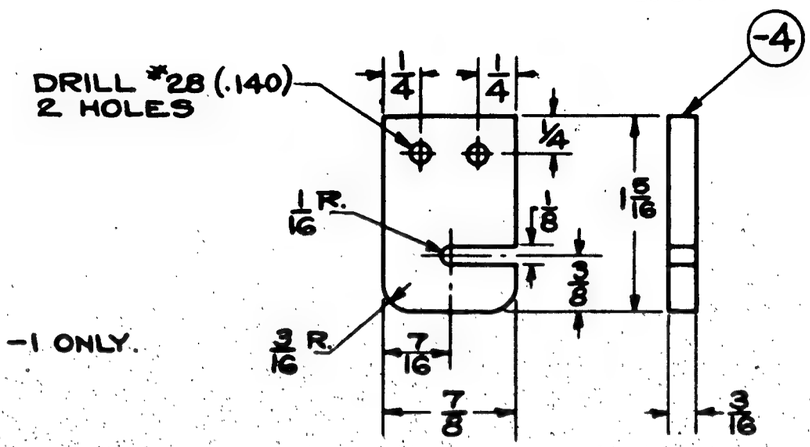
INCORPORATES
PBY-1 BU. AER. CHG. #131
PBY-2 " " #91
PBY-3 } E.O. 39127
28-5-ME }

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-26-39	[illegible]
B	CHANGED FROM 25/32 TO 7/8.	4-10-41	SALS
C	ON FACE ADDED 7/8 DIM TO -5 (WT. CHG. REQ.)	5-27-43	[illegible]

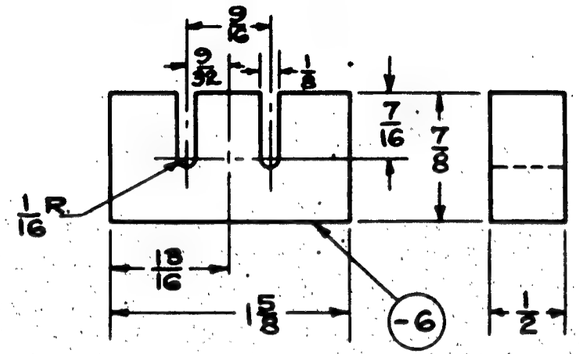
-1
-2



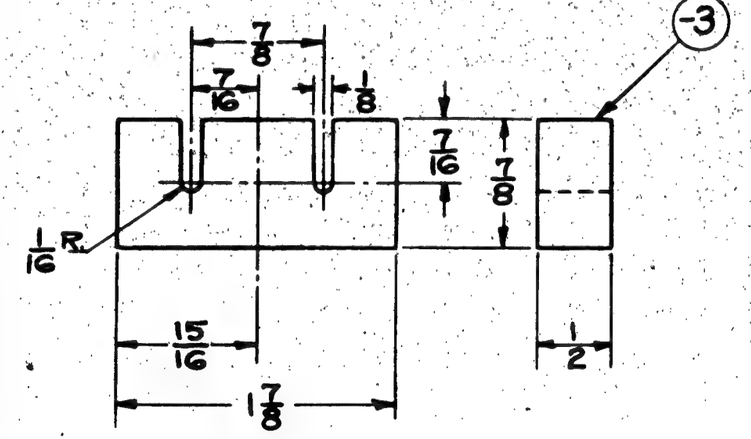
-4



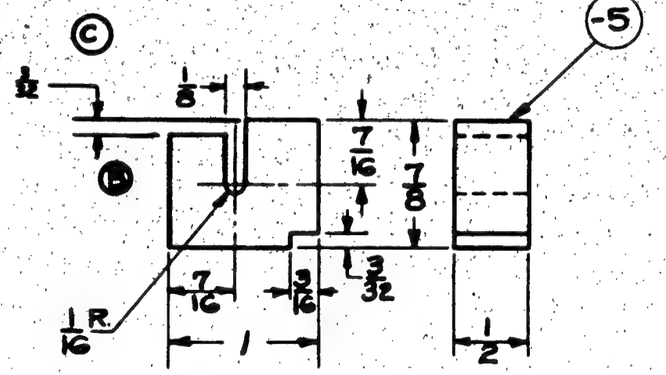
-6



-3



-5



-6	PBY-5&5B	28C4050	1
-5			10
-4			12
-3			1
-2			4
-1	PBY-5&5B		5
-5	PBY-5A		10
-4			4
-2			5
-1	PBY-5A	28C4050	6
O.H.	MODEL	NEXT ASSY.	REQ.
REQ. PER AIRPLANE			

-5	28-5MC[illegible]	28C4050	[illegible]										
-4													
-2													
-1	28-5MC[illegible]												
-6	28-5MC[illegible]												
-5													
-4													
-3													
-2													
-1	28-5MC[illegible]												
-6	28-5MA[illegible]	28C4050											
-5													
-4													
-3													
-2													
-1	28-5MA[illegible]	28C4050											
REQ. PER AIRPLANE													

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED [illegible] DATE 1-26-39

-6	PBY-1	28C4050
-5	PBY-2	28C4050
-4		28C4050
-3	PBY-3	28C4050
-2	PBY-4	28C4050
-1		28C4050

CALC.WT.	ACT.WT.	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
SCALE 12"=1'-0"		REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				
AC							SYREN		MOFFAT	R.	
NAVY PHENOLIC LAMINATED		TIPS TYPE FBG FORM 3		NONE		NONE	7-13-38				
MATERIAL		SPEC.		HEAT TREAT		FINISH	DRAFT	CHECK	EXAM.	ENG.	

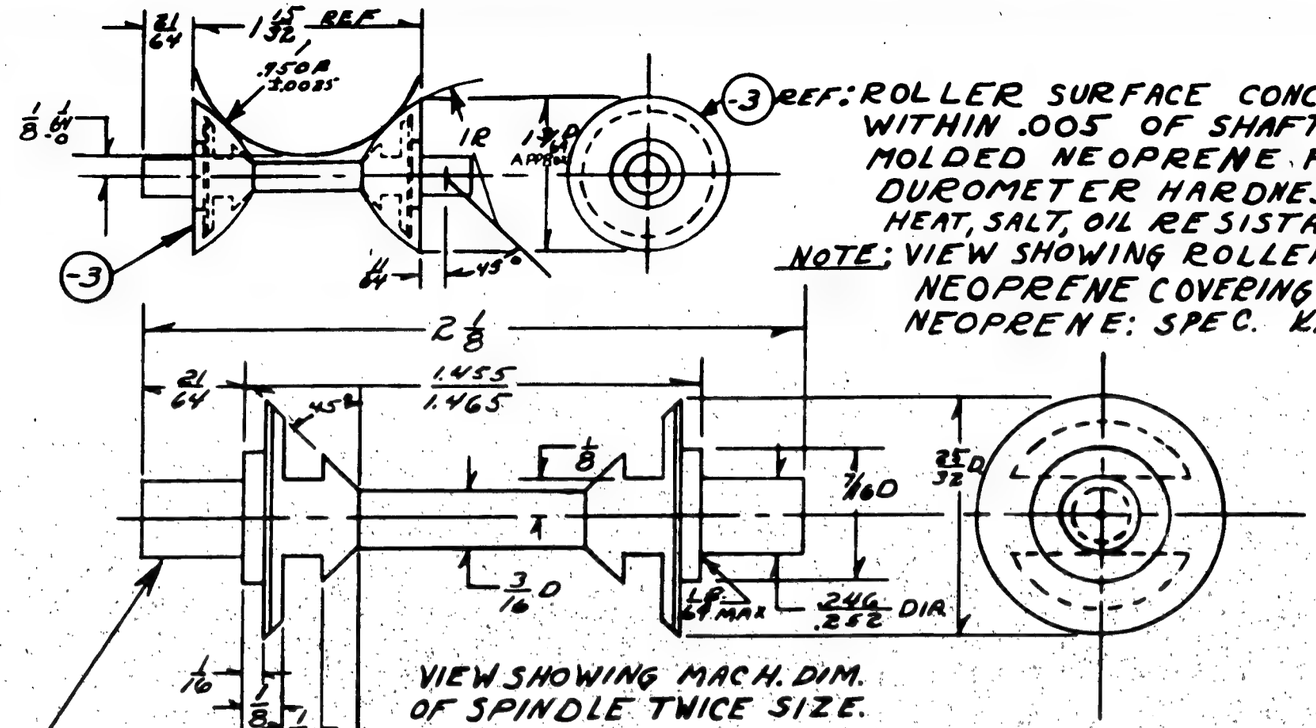
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

NAME
FAIRLEADS - RUDDER LOCK CONTROL

OPP. HAND

SIZE B — 28C4078

LET	ALTERATION	DATE	BY
K	REDRAWN.	10-1-42	HILL
L	MOLDED NEOPRENE FACE WAS		
	MOLDED RUBBER FACE	10-1-42	HILL



-3 REF: ROLLER SURFACE CONCENTRIC WITHIN .005 OF SHAFT ENDS.
MOLDED NEOPRENE FACE
DUROMETER HARDNESS 98 S.H. MIN.
HEAT, SALT, OIL RESISTANT.

NOTE: VIEW SHOWING ROLLER WITH NEOPRENE COVERING ACTUAL SIZE.
NEOPRENE: SPEC. KIRKHILL COM'L.

VIEW SHOWING MACH. DIM. OF SPINDLE TWICE SIZE.

SPINDLE MAY BE MADE FROM AL. ALLOY. BAR (24ST) SPEC. AN-QQ-A-366
FINISH-Z.
OR: DIE CASTING ALLOY ALCOA #13 OR EQUIVALENT. FINISH-Z.
NOTE: IF DIE CAST. DRAFT MAY BE USED ON ALL SURFACES NORMAL TO THE AXIS OF ROTATION, DRAFT MAY BE USED ON THE .246/.252 DIAM. WITHIN THE INDICATED TOLERANCES, ENDS SHALL BE CONCENTRIC WITHIN .005.
NOTE: ALL RADII NOT SHOWN APPROX. 1/32 R.

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

	PBY-5A	28C0555	20
	28-5AMN	28C0555	20
	28-AMC, MC	28C0555	20
	28-5MC MAMN	28C0555	20
	PBY-5-5A	28C0555	20
	PBY-4	28C0555	
ASSY. DASH NO	MODEL	NEXT ASSY.	SER.

REQUIREMENTS PER AIRPLANE

REPLACES 28C4097 (3-25-43) .03 CALC. WT.
REPLACED BY ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/64
SCALE 24"=1:0" 12"=1:0"
STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-3		NEOPRENE	KIRKHILL COM'L	2									
-2		NOTED	NOTED	1									

AC		3-25-43		CN		L.C.W.	
NAVY NONE	NOTED			MOFFAT			R.
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.

NAME ROLLER-CONTROL-AILERON OPERATING TUBE BEARING

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

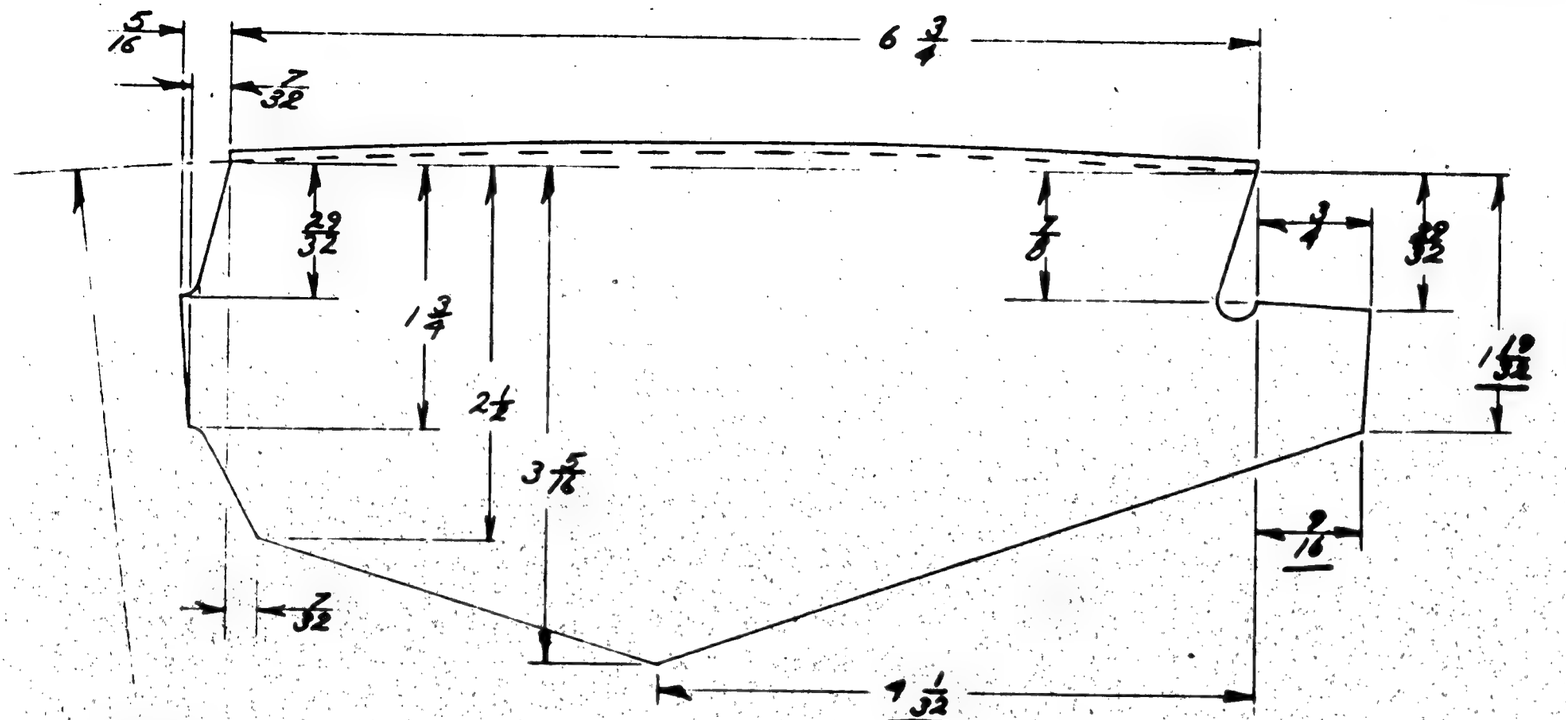
SIZE B DWG. 28C4097

28C4097

R

E.O.-28041-
E.O.-19147-

LET	ALTERATION	DATE	BY
A	FLANGES REMOVED	11-26-40	[illegible]
B	4TA10 COND A IN B/M. WAS COND T	11-26-40	[illegible]
	ADDED .25%		



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

60 1/8 R. APPROX.

NOTE
ALL BEND RADII & RELIEFS 1/8 R.

ASSY DASH NO	MODEL	NEXT ASSY	REQ
-R	PBY-5B	28C5010	1
-L	PBY-5B	28C5010	1
-R	PBY-5	28C5010	1
-L	PBY-5	28C5010	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT

REPLACED BY — ACT. WT

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32 — SCALE: 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
	.060 x 4 1/2 x B 7/8	24S-O ALCLAD SHT	AMS QQA 250/4 COND A										

PARTS LIST PER ASSY.

AC
NAVY SR 53
HEAT TREAT

ZP-AP
FINISH

12-5-40 DRAFT

CHECK [illegible]
STRUCT. [illegible]
MAT [illegible]
APPROV 12/27/40
ENG [illegible]

NAME SUPPORT-RUD & EL. BRACKET-STA 6.0 UPPER

OPP. HAND 28C5013-R

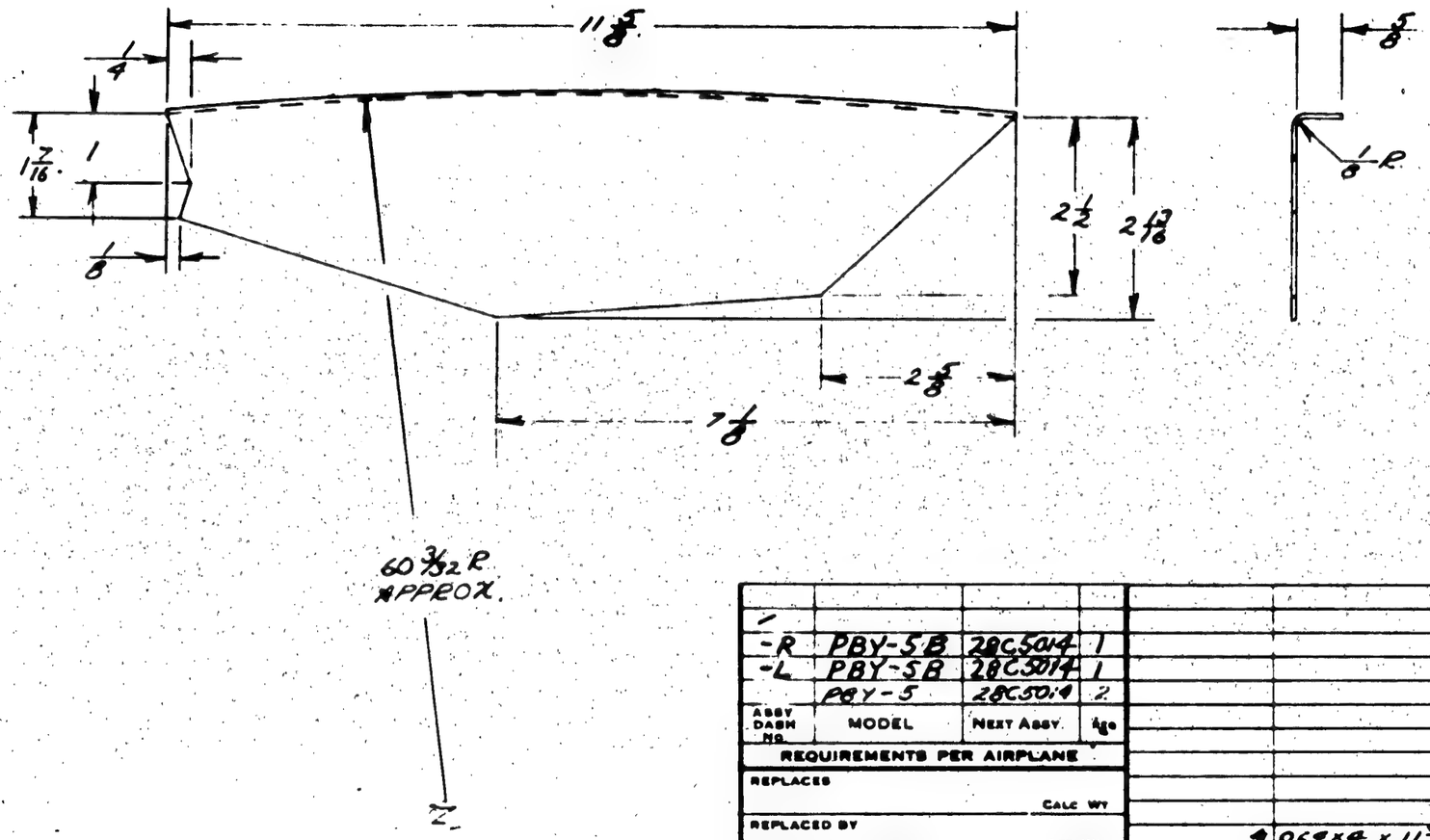
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF

DWG. B SIZE 28C5013

R

EO 23637

LET	ALTERATION	DATE	BY
A	CHG 28C5016 TO 28C5016-L & -R	4-26-40	[illegible]



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY DASH NO.	MODEL	NEXT ASSY.	REQ'D
-R	PBY-5B	28C5014	1
-L	PBY-5B	28C5014	1
	PBY-5	28C5014	2

REQUIREMENTS PER AIRPLANE

REPLACES — CALC WT

REPLACED BY — ACT WT

UNLESS OTHERWISE SPECIFIED LIMITS ON DECIMALS ARE ± 1/32

SCALE 6" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
PARTS LIST PER ASSY.	4 .064 X 4 X 11 3/4	2S3 ALCLAD 24S-T	AN-A-10 COND A	-0		-2		-3		-4		-5	

A C		11-1-39					
NAVY SR 53	Z-P	E. Hanson				11/17/39	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV.	ENG

NAME SUPPORT - CONTROLS - RUD. & EL. LOWER BRKT STA 6.0

OPP. HAND 28C5016-R

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

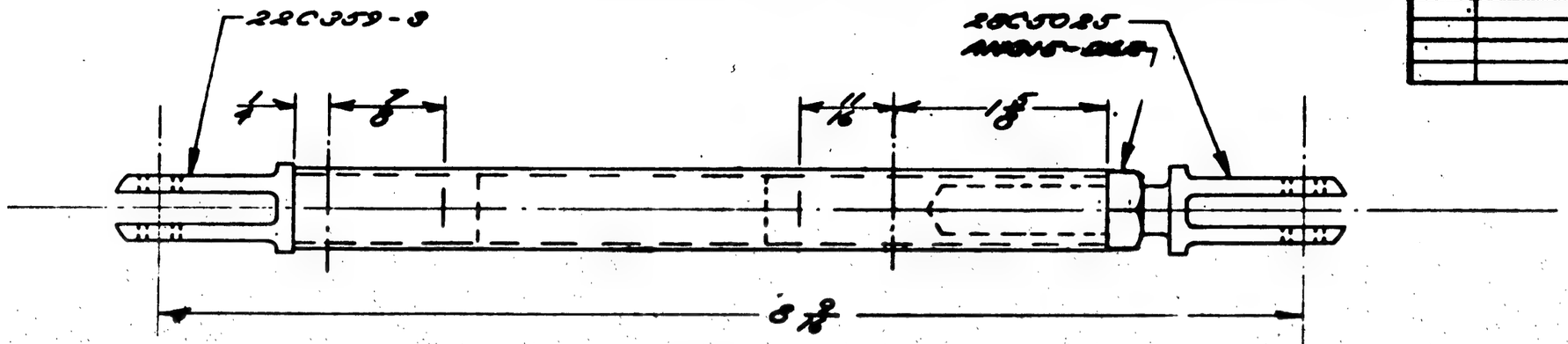
DWG. SIZE B

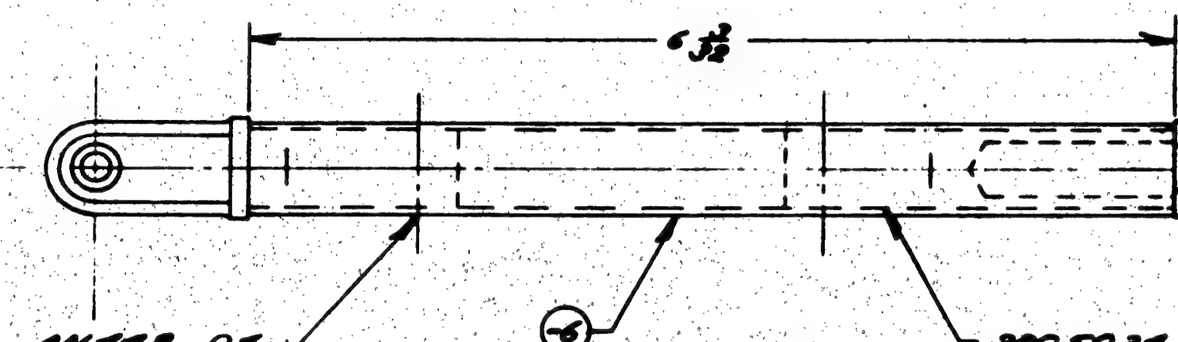
28C5016

R

LET	ALTERATION	DATE	BY
A	ADDED FUTURE & SPARE PARTS FOR DAY 1, 2, 3, &	1-8-40	KENNEDY

3.





INTER CH
4 PLACES

4 FUTURE & SPARES

NOTE
REAM BOTH ENDS OF -6 .531/2 +.0010 -.0005

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

	PBY-5A	28T2005	2M
	PBY-5	28T2003	2
	PBY-4	28T2003	
	PBY-3	28T2003	
	PBY-2	28T2003	
	PBY-1	28T2003	2
ASSY. DASH No.	MODEL	NEXT ASSY.	REQ'D

REQUIREMENTS PER AIRPLANE

REPLACES 28C0999 OR 9-30-39 CALC. WT.

REPLACED BY ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN316-5R				1									
AN924-5R													
28C5025				1									
28C5026				1									
28C359-3				1									
-6	2D.7049 x 6 3/4	AL ALLOY 24ST	7077T Temper	1									

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC		12-8-39					
NAVY NONE	-6 3-0-2AB OUTSIDE 7 IR INSIDE						
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME CONNECT. ARM - STAB. TO ELEVATOR FLAP ADJ.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

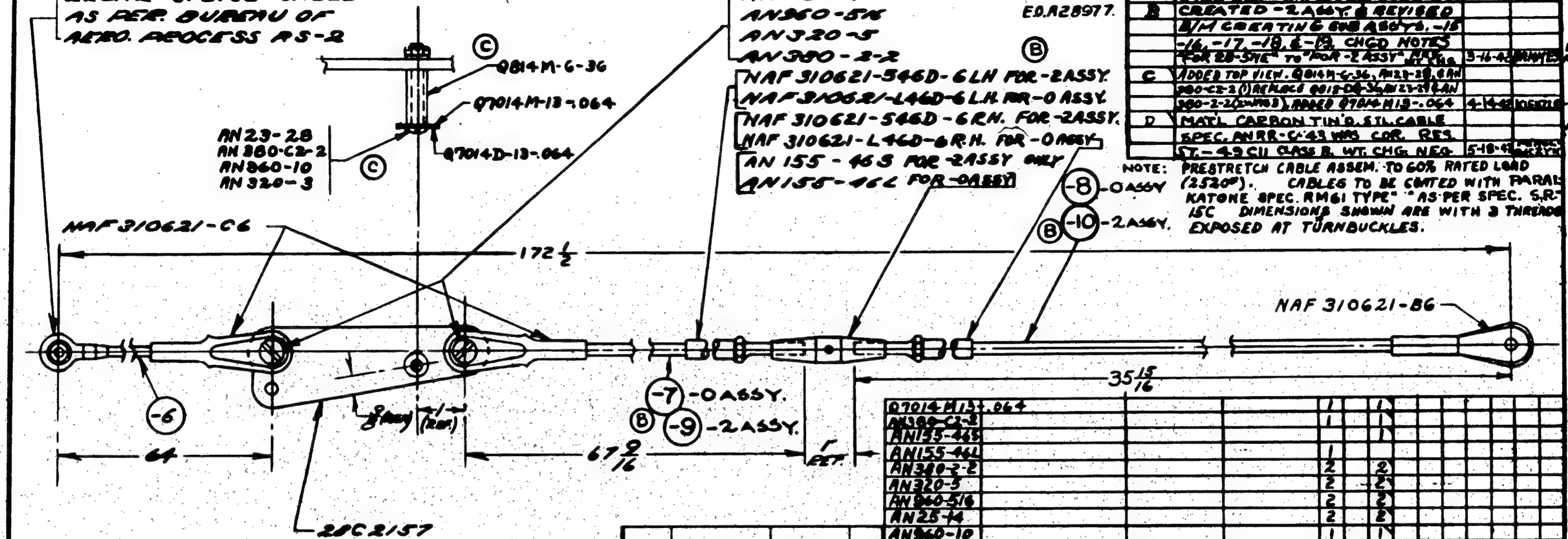
OPP. HAND

DWG. B SIZE

28C5023

DD

22C112 SPLICE CABLE AS PER BUREAU OF AERO. PROCESS AS-2



LET	ALTERATION	DATE	BY
A	ADDED ANA'S-MS, NAF 310621-	4-21-43	
	546D-6LH NAF 310621-L46D-6RH		
B	CREATED -2 ASS'Y & REVISED		
	B/M CREATING SUB ASS'YS. -15		
	-16, -17, -18 & -19, CHGD NOTES		
	FOR 28-STYE TO FOR -2 ASSY. AND	3-16-43	
C	ADDED TOP VIEW. Q814M-6-36, AN23-28, AN		
	360-C2-2 () REPLACES Q818-06-36, AN23-28 AN		
	360-2-2 (WAS) ADDED Q7014M13-.064	4-14-43	
D	MATL CARBON TIN'D. STL. CABLE		
	SPEC. AN RR-C-43 WAS COR. RES.		
	ST. - 4.9 CU CLASS B. WT. CHG. NEG.	5-18-43	

NOTE: PRESTRETCH CABLE ASSEM. TO 60% RATED LOAD (2520#). CABLES TO BE COATED WITH PARALKATONE SPEC. RM61 TYPE "A" AS PER SPEC. S.R.-15C DIMENSIONS SHOWN ARE WITH 3 THREADS EXPOSED AT TURNBUCKLES.

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PARTS LIST PER ASSY.			-0		-2		-3		-4		-5	
Q7014M13-.064				1		1							
AN360-C2-2				1		1							
AN155-465								1					
AN155-461				1									
AN360-2-2				2		2							
AN320-5				2		2							
AN360-5/16				2		2							
AN25-14				2		2							
AN360-10				1		1							
AN320-3				1		1							
AN23-28				1		1							
Q7014D3-.064				1		1							
Q814M-6-36				1		1							
28C2157				1		1							
28C5029-19	SUB-ASS'Y.												
-18													
-17				1									
-16				1									
28C5029-15	SUB-ASS'Y.			1		1							

NAF 310621-	B6					1		1					
NAF 310621-	546D-6RH							1					
NAF 310621-	546D-6LH						1						
NAF 310621-	L46D-6RH					1							
NAF 310621-	L46D-6LH				1								
NAF 310621-	C6			1	1		1						
22C112				1									
28C5029-10	5/16DX7X19X84	KAREN TINNED STEEL CABLE	AN RR-C-43					1					
-9	5/16DX7X19X70						1						
-8	5/16DX7X19X38					1							
-7	5/16DX7X19X70				1								
28C5029-6	5/16DX7X19X66	KAREN TINNED STEEL CABLE	AN RR-C-43	1									
PARTS ON SUB ASS'Y.				-15	-16	-17	-18	-19					

C-88476
C-91876
VICE
SERIAL
#2250

ASSY DASH NO	MODEL	NEXT ASSY.	QTY
-2	P8Y-5A	28C003	1
-2	P8Y-5	28C003	1
-0	P8Y-5	28C003	1

REQUIREMENTS PER AIRPLANE

REPLACES — Calc. Wt.

REPLACED BY — Act. Wt.

Light on Dimensions Unless Otherwise Specified: 1/32

SCALE: 6" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

AC		4-21-43 R. GRANDALL	
NAVY NONE	NOTED		M.S.C.
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / MAT. / APPROV. / ENG
			C.W. / G.Fram / 6-25-43 / 6-24-43 / R

NAME CABLE ASS'Y. - FWD. - AILERON PORT

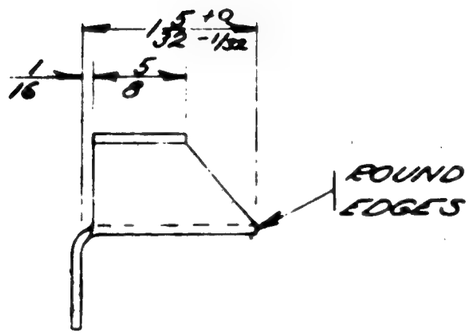
OPP. HAND

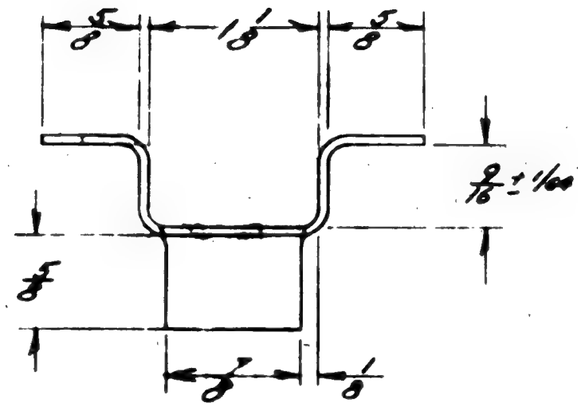
CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

SIZE B — 28C5029

F R

LET	ALTERATION	DATE	BY





NOTE:
BEND RADII = 1/8 R.

ASSY DASH NO	MODEL	NEXT ASSY	QTY
	PBY-5A	28C5030	1
	PBY-5	28C5030	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: 1/32

SCALE: 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY:				-0		-2		-3		-4		-5	

AC							
NAVY None	PASSIVATE					9/20/40	9/24/40
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG

NAME CATCH - A.F.C. COVER ACCESS DOOR

OPP. HAND

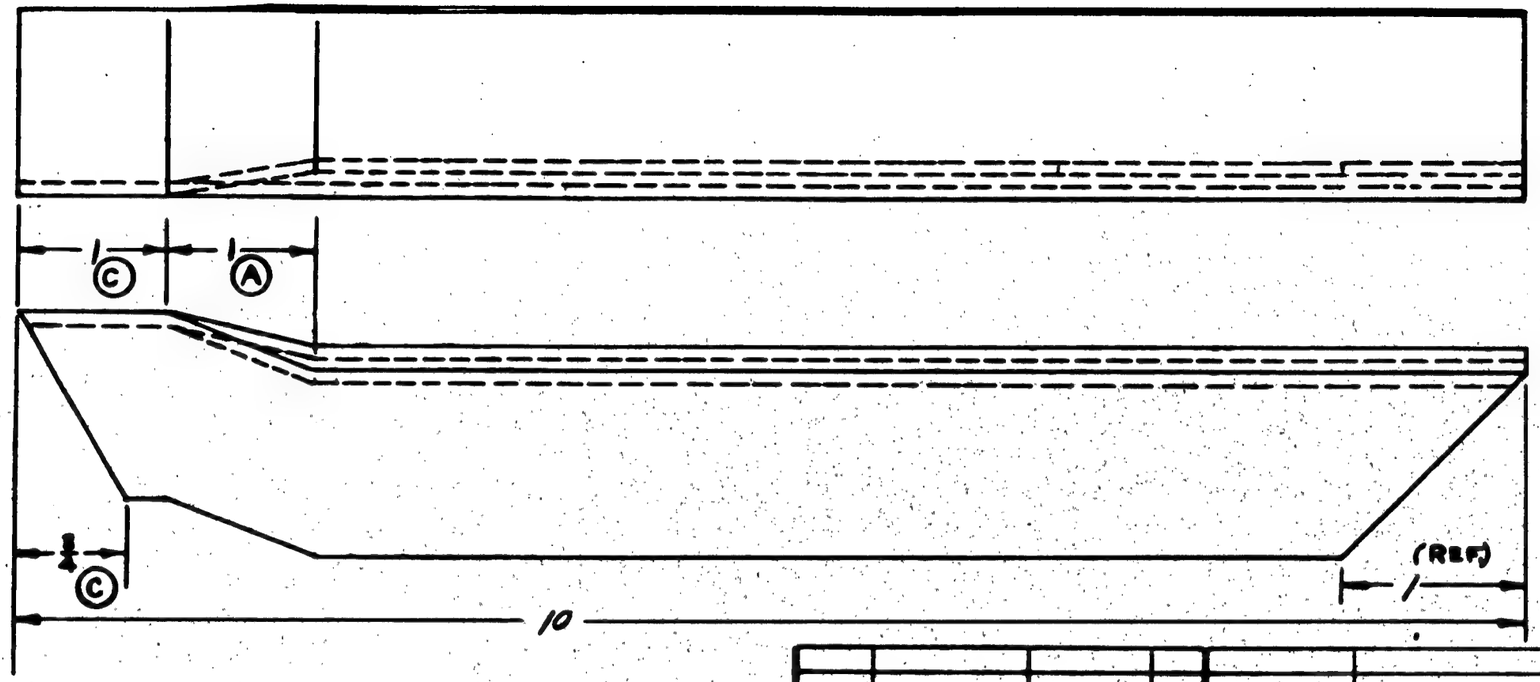
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE: B

28C5038

LET	ALTERATION	DATE	BY
A	RELEASE AFTER RUSH		
	RELEASED	8-6-41	
	.064 x 1 3/8 x 10 1/2 WAS K75SY		
	1" DIM. WAS 1 1/16		
B	STOCK (K75SY x 10 1/2 WAS (.064 x 1 3/8 x 10 1/2)		
	REM. 3/16 R.	8-17-41	
C	3/4 DIM WAS 1 1/16, 1" WAS 2 PLACES	4-3-42	

E.O.A23576



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

RUSH RELEASED 8-6-41

#2 from

	PBY-5A	28C5058	1
LAST CHANGE No.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES	Cally. Qty.
REPLACED BY	Assy. Qty.
SCALE 12" = 1'-0"	1/32

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.	K75SY x 10 1/2	24S RL. AL.	4649-A	-0		-2		-3		-4		-5	

AC	———	———	RELEASED	Kennedy	Mayo			Cooke
NAVY SR-58-T	Z-P-AP	6-27-41	7-8-41		JCH			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME ANGLE-CONT.-A.F.C.-UNITS-PLATFORM

OPP. HAND None

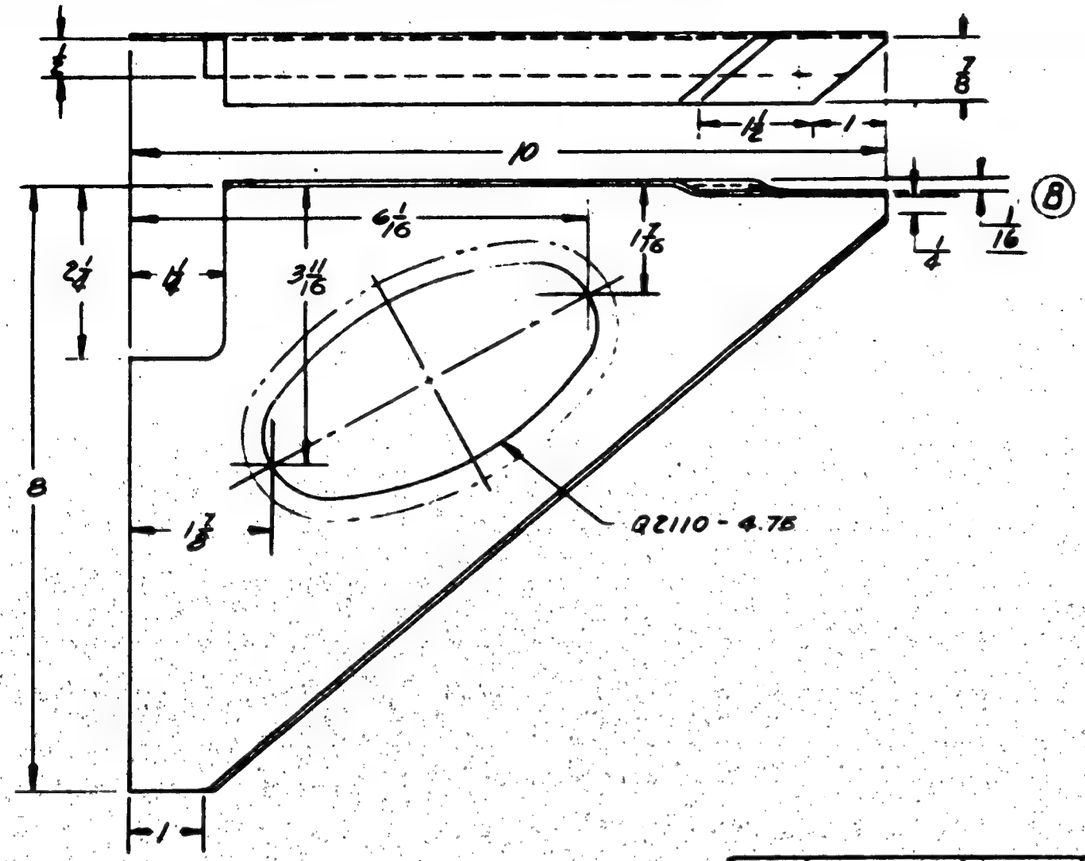
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B DWG. 28C5058

R

LET	ALTERATION	DATE	BY
A	RELEASE WATER RUSH		
	RELEASE	8-5-41	BECK
B	ON FACE OF DWG. 1/16 JOGGLE WAS 5/32	1-13-42	KIMBELL

E.D.C. 28812



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

RUSH RELEASED 8-5-41

#2 & ON

ASSY. DASH No.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28C5049	1

REQUIREMENTS PER AIRPLANE

REPLACES .2884# GALC. WT.

REPLACED BY ACT. WT.

LINES OR DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32

SCALE 6"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.	.064x9½x10½	2450A. ALC.	47A8 Cond. A	-0		-2		-3		-4		-5	

AC			BECKETT	K RANEY	GERDEN			
NAVY	SR-53-T	Z-P-AP	6-27-41			JCH		
HEAT TREAT		FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV.	ENG.

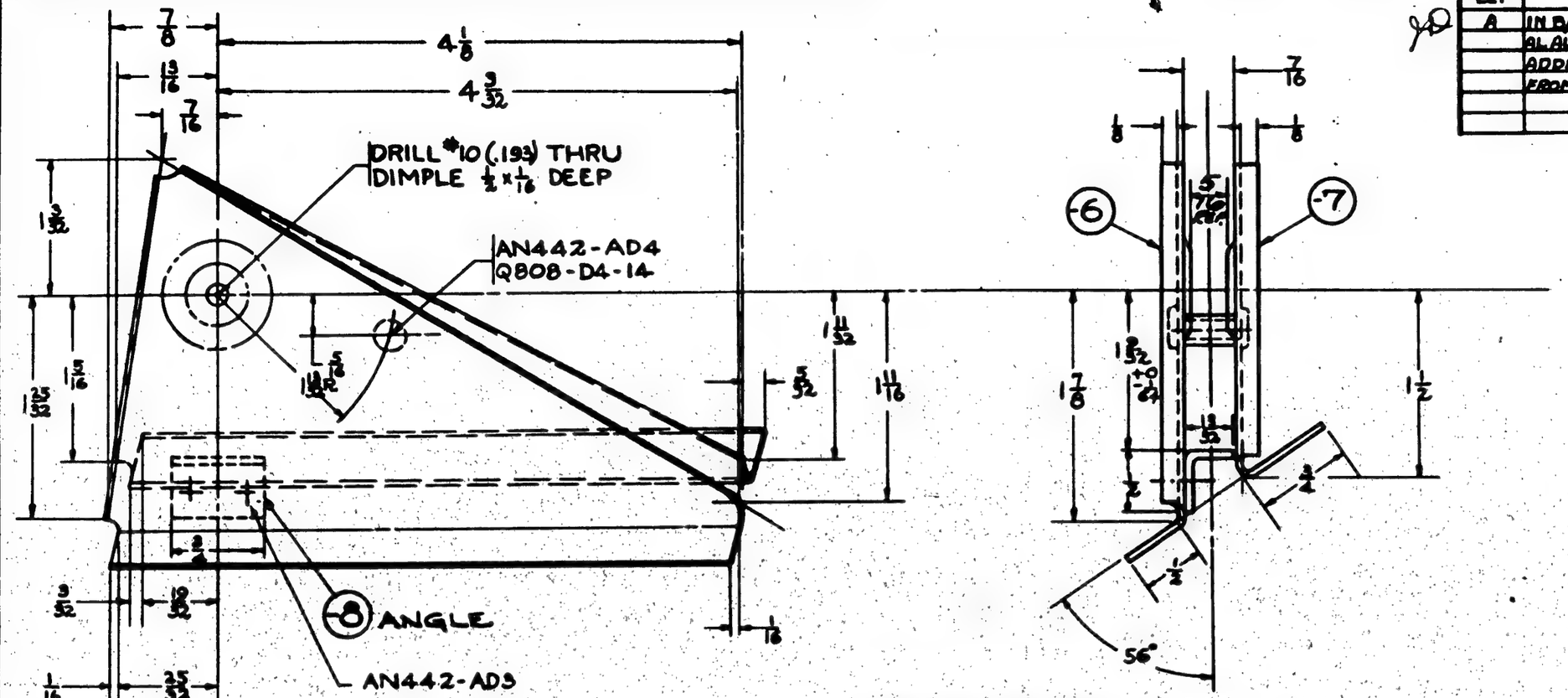
NAME BRACKET - CONTROLS - A.F.C. UNITS - PLATFORM

OPP. HAND NONE

DWG. B SIZE 28C5059

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

LET	ALTERATION	DATE	BY
A	IN D/M. FOR -8, REPLACED "K78P X ⅞" AL ALLOY EXT. 46 A9 COND'T." WITH "NOTED"		
	ADDED NOTE #2. REMOVED "30° MAKE FROM ½ X 1⅛ X 1/16 EXTR. "(W.T. CHG. NEG.)	8-3-43	R.L.B.



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIME

	PBY-5B	28C5079	1
	28-5AMN	28C5079	1
	28-5 MN		1
	PBY-5A		1
	PBY-5		1
→	U.S.C.G.	28C5079	1
ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.

C-88476
#C91876
#2 PBY-5 SERIAL 2290-

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH
	AN442-AD4								
	AN442-AD8								
	Q808-D4-14			1					
-8	NOTED	NOTED	NOTED	1					
-7	.040 x 4 x 6	ALCLAD 24ST	47A8 Cond.	1					
-6	.040 x 4 x 6	ALCLAD 24ST	47A8 Cond.	1					

PARTS LIST PER ASSY.

AC		PROJECT	Fred	Sean		Allen			
NAVY NONE	Z-P-2GP	7-8-40			7/40		R		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.		APPROV.	ENG.	

NAME BRKT-CONTROLS-AILERON TAB-LOWER PULLEY-BULK. 1.33

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

DWG. B SIZE 28C5077

28C5077-3

R

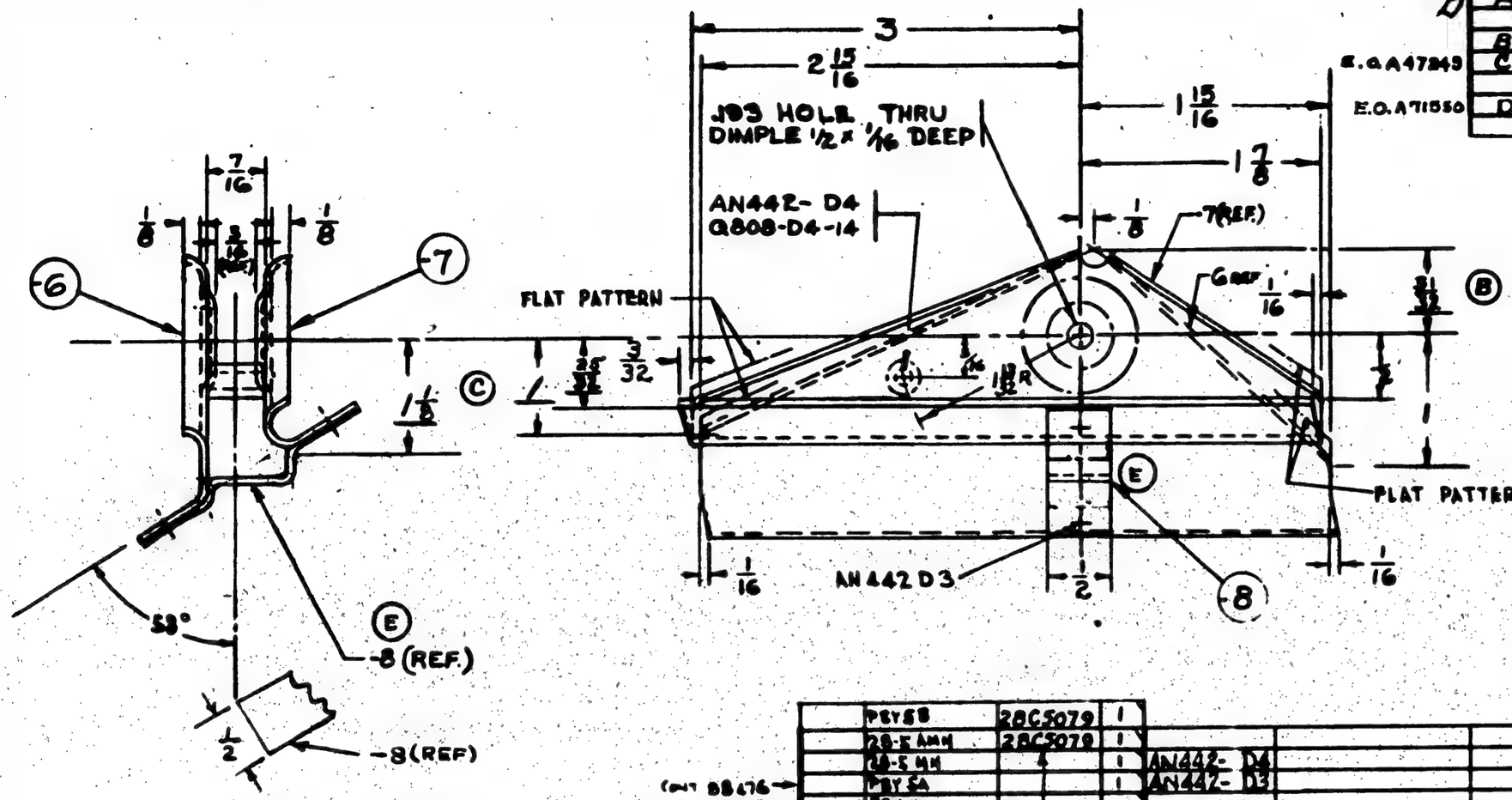
NOTES-
1-ALL BEND RADII TO BE 1/16 R.
2-MAT'L. FOR -8 MAY BE-
(A) .072 X 7/8 X 1 1/8, 24ST ALC., SPEC. QQ-A-362-T, OR
(B) K78P X 7/8, AL. AL. EXTR., SPEC. QQ-A-354-T.

E.O. A25358

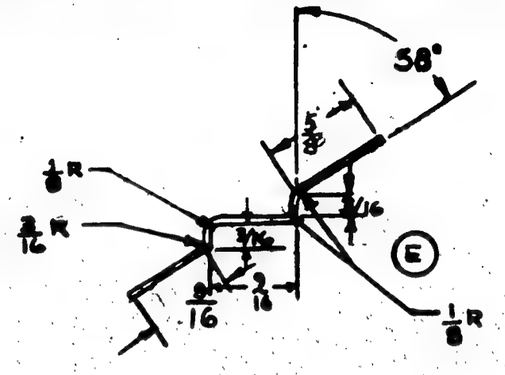
LET	ALTERATION	DATE	BY
A	REVISED & REDRAWN - INCORP.		
	E.O. A25358 (NOT CHG MFG.)	8-26-42	HORN
B	DIM. 5/32 WAS 3/32 (NOT CHG MFG.)	9-22-42	HORN
C	DIM. 1" WAS 7/8 ; DIM. 1 WAS 7/8)		
	DIM. 3/32 WAS 1/32. NO WT. CHG	6-30-43	FUNK
D	DIM 5/8 WAS 3/4. ADDED 3/16 R 1/8 R (3)		
	9/16 (2) & 3/16 WAS 7/16 REM. 5/16 NO WT CHG	12-29-43	MARSH

E.O. A47249

E.O. A71550



NOTE: ALL BEND & RELIEF RADII 1/8 R



DETAIL - 8

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP GREEN PRIME

	P&WS	28C5079	1
	28-5 AMH	28C5079	1
	48-5 MH	4	1
	P&WSA		1
(CNT 88476 →)	P&WS	2	1
(CNT. 51876 →)	USG	28C5079	1
← (2 P&WS SERIAL ETC.)			

ASSY. BASED ON	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES 28C5078 OF T-B-40 GALS. WT.

REPLACED BY AST. WT.

ASSY ON DRAWING UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
AN442-D4													
AN442-D3													
Q808-D4-14													
-8	.030 x 5 x 2 1/4	ALCLAD 24ST	47A8-T										
-7	.040 x 5 x 6	ALCLAD 24ST	47A8-T										
-6	.040 x 5 x 6	ALCLAD 24ST	47A8-T										

AC		HORN						
NAVY NONE	Z-P-2 GP	3-2542	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.
HEAT TREAT	FINISH					4-11-43		

NAME BR'KT-CONTROLS-AILERON TAB-UPPER PULLEY-BULK. 133

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

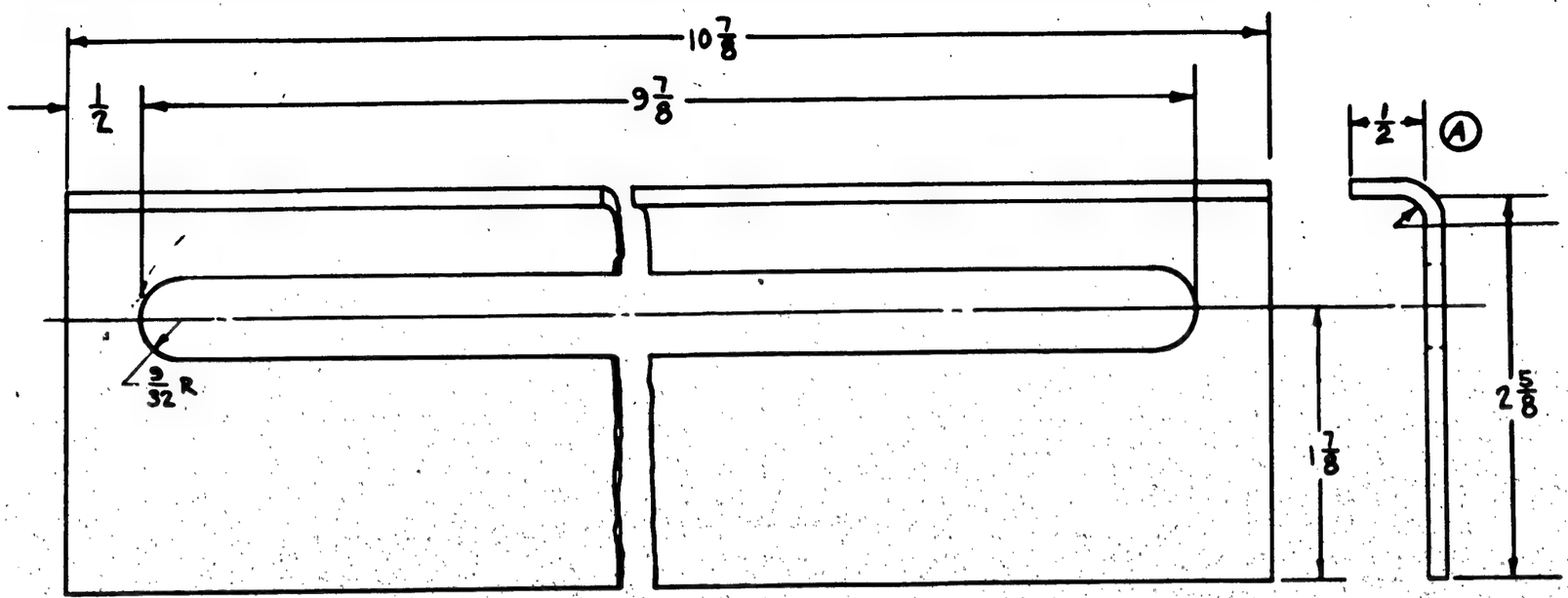
OPP. HAND

DWG. B SIZE

28C5078

R

LET	ALTERATION	DATE	BY
A	DIM. ½ WAS ⅝ & ADDED "B" END RADII ⅛"		
	(NEG. WT. CHG.)	5-4-42	WALTHER
B	REMOVED REQ'MTS FOR PBY-5,		
	LIMITED PBY-5A TO C/N 8476		
	#53 TO 146. NO WT. CHG.	7-2-43	CADMIUM



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

(B) CONT'D #8476 #53 TO 146

ASSY DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY 5A	28C5564	2

REQUIREMENTS PER AIRPLANE

REPLACES 28C2171 — .30 CALC. WT.

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32 — SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	@ .125 x 3⅝ x 11⅞	ALCLAD SHT	47ABT										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		4.5.42	I	GERBER BALLAM PACH ZUCK
NAVY —	2 P	Pasco	Lindsey	4-14-42 INC VICKERS
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT. MAT. APPROV. ENG.

NAME GUIDE- CONT.- BLK'D #2 AIL. CABLE

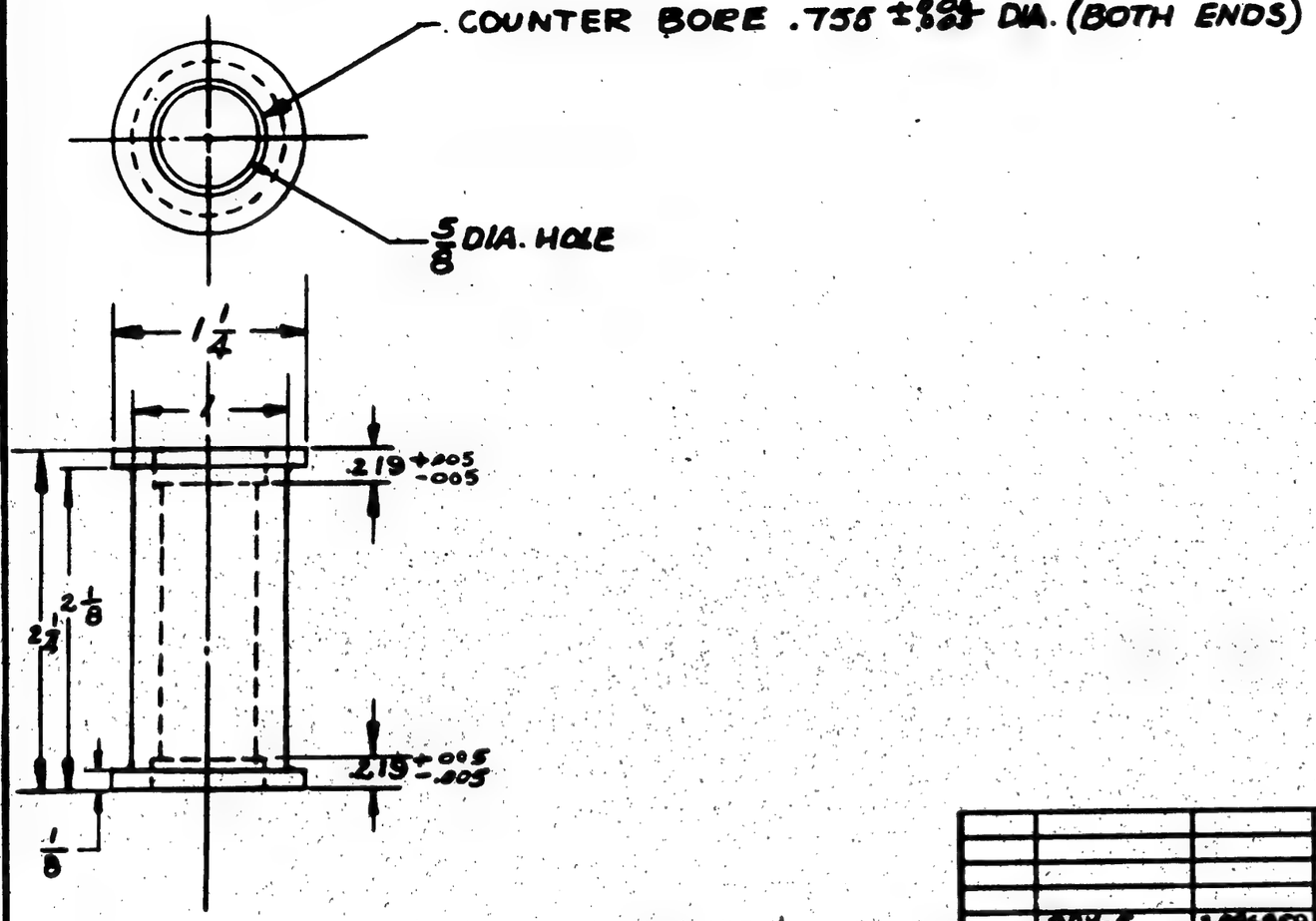
OPP. HAND —

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — DWG. 28C-5091

R

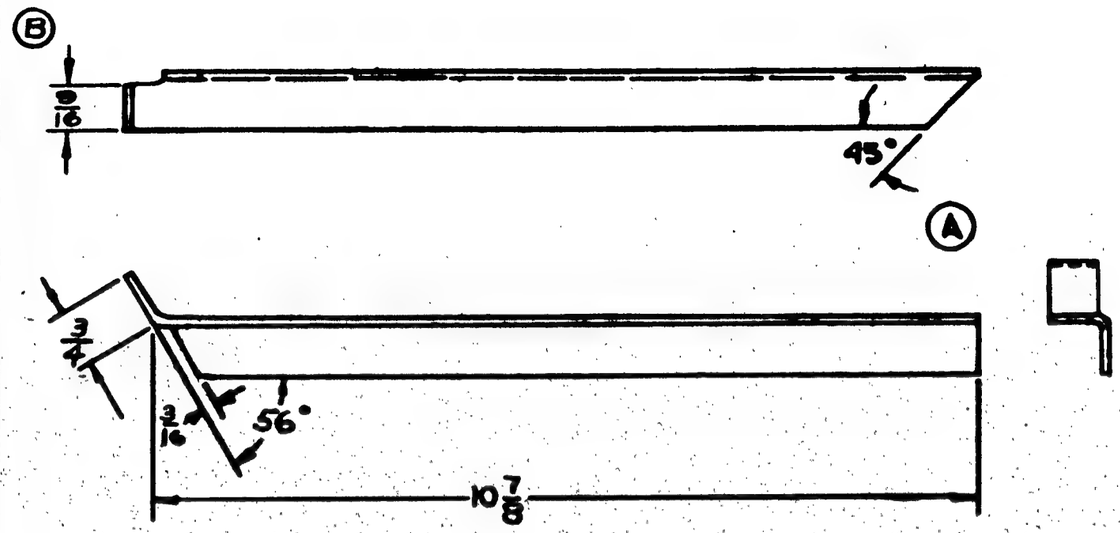
LET	ALTERATION	DATE	BY



91876-91E ON →

PURCHASE TO DWG.

LET	ALTERATION	DATE	BY
	E.O. 162014		
A	DIM. 10 7/8 WAS 9 7/8, STOCK		
	LENGTH 11 3/4 WAS 11 1/4 ADDED		
	VIEW WITH 45° LEG CUTOFF.		
	WT. CHG. NEG.	11-10-42	RHM
B	[illegible]		
	[illegible]		
	WT. CHG. NEG.	2-10-43	RHM



C. MODEL(S) 34A-1
C. #91876 SWPS #91 & ON

MATERIAL NOTE-

(B) MAT'L. MAY BE-
(A) Y-2-A28T X 11 3/4, OR
(B) K5401 X 11 3/4, AL. AL. EXTR., SPEC. QQ-A-354-T

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	NOTED	NOTED	NOTED										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

PBY-5A	28C5110	1	
PBY-5	28C5110	1	
CONT. SERIAL NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES	.095 Gross Wt.
REPLACED BY	Appl. Wt.

± 1/32 & ± 1/2° | SCALE 6" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

AC		FINISH	
NAVY	Z-P-GP	9-3-42	9-3-42
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / MAT. / APPROV. / ENG.

NAME STRUT-CONT.-FOLLOW-UP CABLE PULLEY BRACKET

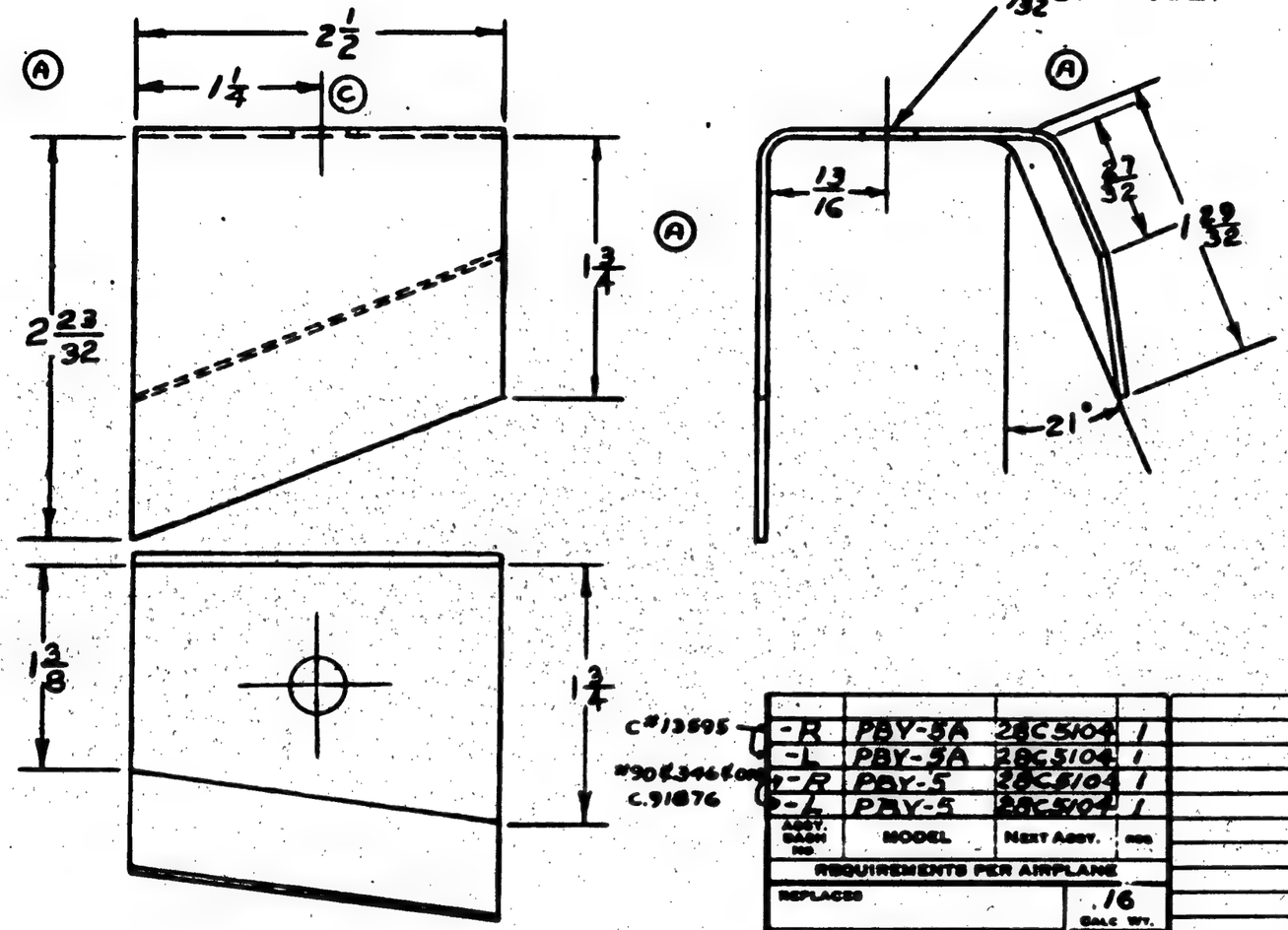
CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

OPP. HAND

DWG. B SCALE 28C5099

28C5099

	LET	ALTERATION	DATE	BY
E.O A71095 MCR #23 Supp #7	A	DIM. 2 1/16 WAS 1 3/16, 1 1/8 WAS 1 1/8, 1 1/2 WAS 1 1/4, 3/8 WAS 5/8, R/M 5 1/2 WAS 4 3/4. WT CHG. .13# WAS .08#	2-17-42	[illegible]
E.O #A97383	B	DIMS: 2 23/32, 1 3/4, 2 1/32, 1 23/32, 21°, 13/8 & 13/4 WERE 2 1/16, 1 1/8, 3/8, 1 1/4, 2 21/32, 1 5/8 & 1 1/8 RESPT. STOCK .091 X 2 5/8 X 6 1/4 WAS .091 X 2 5/8 X 5 1/2. WT. 16 WAS .19	1-27-43	[illegible] Q
E.O #B 2613A MCR. 178-15	C	DIM. 1 1/4 WAS 1 1/2. NO WT CHG.	2-13-43	[illegible]



C #13695	-R	PBY-5A	28C5104 1
	-L	PBY-5A	28C5104 1
#30 #346 for C.91876	-R	PBY-5	28C5104 1
	-L	PBY-5	28C5104 1
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ'D

REQUIREMENTS PER AIRPLANE

REPLACED	.16 CALC WT.
REPLACED BY	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

.091 X 2 5/8 X 6 1/4 ALC. 24ST 4 7A8-T

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC							
NAVY —	2P-GP						
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME: BRACKET - CONTROL FIN RUDDER PULLEY.

OPP. HAND 28C5103R

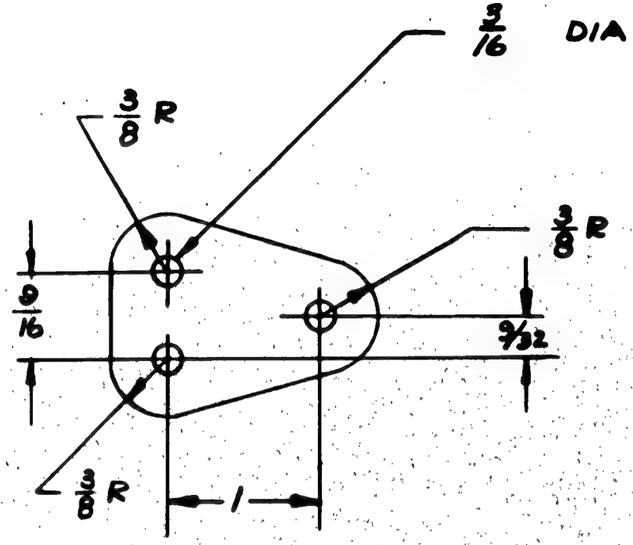
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B | 28C5103

R

MCR 101-A to MCR 203-A

LET	ALTERATION	DATE	BY
A	W/ REQ'S IAW R. FOR PBY-5 C° SW'G'S. - FOR NAV 28C5102 MCR 101-1 TO MCR 101-A WAS SHIPS 91 & ON. ADDED (1 REQ) FOR NAV 28C5133, MCR 101-A & ON. FOR PBY-5A C° NO'S & 464 :- NAV 28C5102 MCR 203-1 TO MCR 203-A WAS MCR 203-1 & ON. ADDED (1 REQ) NAV 28C5133 MCR 203-A & ON. NO WT. CHG.	4-16-43	



(A) C° NO'S & 464 MCR 203-A & ON
C° 31876 MCR 101-A & ON
C° NO'S & 464 MCR 203-1 TO MCR 203-A
C° 31876 MCR 101-1 TO MCR 101-A

	PBY-5A	28C5133	1
	PBY-5	28C5133	1
	PBY-5A	28C5102	1
	PBY-5	28C5102	1
ASSY. DRAW. No.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES	.05# GMS. WT.
REPLACED BY	ACT. WT.
UNLESS OTHERWISE STATED ± 1/32	SCALE 12" = 1'-0"

STAMP PART NUMBERS WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.	.093 X 1 1/2 X 1 7/8	COR. RES. STEEL	AN-QQ-S-772	-0		-2		-3		-4		-5	

AC		LINN					
NAVY	NONE	8-17-42	9/8/42				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME TIE PLATE - CONTROLS RUDDER FOLLOW-UP CABLES

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

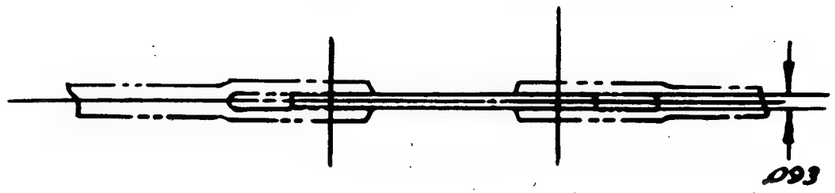
SIZE B

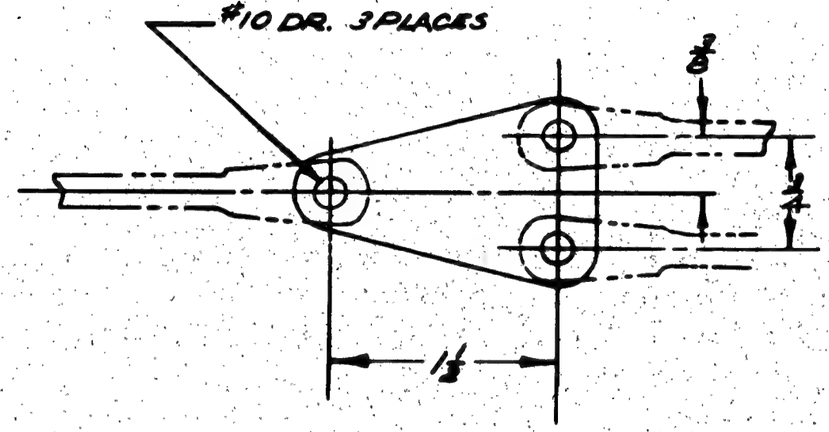
28C5105

R 9 11 42

LET	ALTERATION	DATE	BY
A	REV. REQTS / AIRPLANE (NO. WT. CHG.)	12-10-[illegible]	[illegible]

E.O. A93596
MCR. #32-1





ALL CORNER RADII ARE 3/16".

C.91876
#91-ON
MCR. #32-1

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5	28A1015	2
	PBY-5	28A5152	2

REQUIREMENTS PER AIRPLANE

REPLACES .05# GALS. WT.

REPLACED BY ASY. WT.

LAY OUT DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.093 X 2 1/8 X 1 3/8	CHROME-MOLY	AN-QQ-S685										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		DRAWN	LINN	
NAVY	C-P-6P	9-1-[illegible]	9-3-[illegible]	HWS
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT. MAT. APPROV. ENG.

NAME PLATE-ARMAMENT-CONTROLS-CABLE SPLICE

OPP. HAND

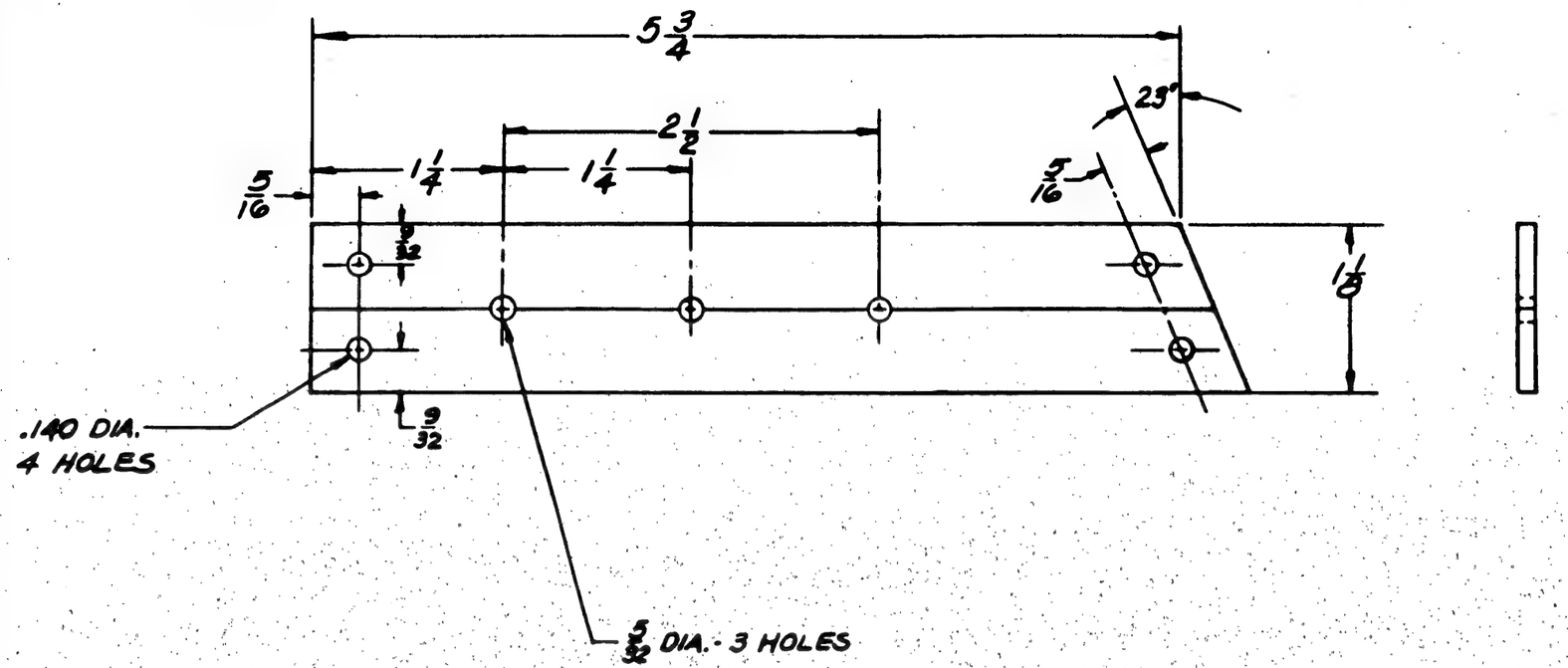
CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO, CALIF.

DWG. B SIZE

28C5120

R

LET	ALTERATION	DATE	BY



NOTE:-
LOCATE & FORM HOLES
AFTER SAW-CUTTING

C#91876 SHIPS #91 & ON

PURCHASE TO DWG.

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5	28C5126	1

REQUIREMENTS PER AIRPLANE

REPLACES	.04# Equip. Wt.
REPLACED BY	Adv. Wt.
Limit on Dimensions Unless Otherwise Specified ±1/32 & ±1 1/2°	SCALE 12"=1.0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	1/8 x 1 1/8 x 6 3/8	PHENOLIC	17R5-F8Q										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		STRESS	/				
NAVY NONE	NONE	9-10-42	-				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME FAIRLEAD - FOLLOW-UP CABLES - STA #25

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28C5129

R

PART NO	A	B	C
-12	98 1/16		
-13	64 1/8		
-14			36 1/8
-15			37
-2		102 1/8	
-0		133 3/16	

E0 25685

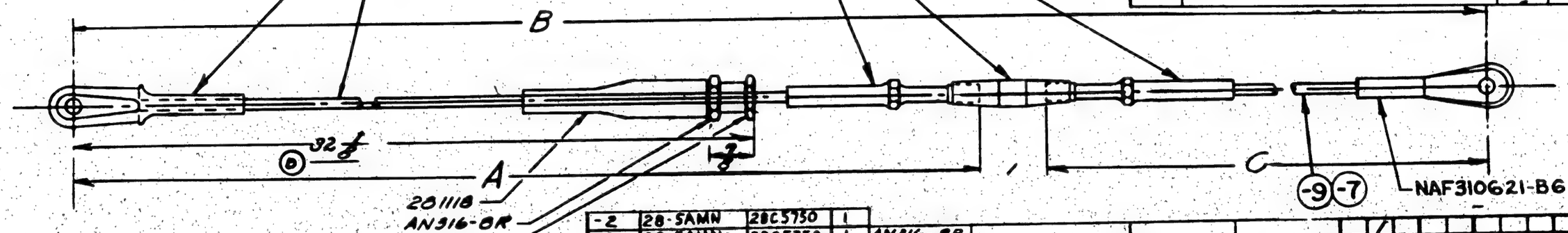
28-5

28-5 MAMC, ME, MN AMC EDC 5-1

E.D.C 7541
E.O A33254

E.O. A20328 9

LET	ALTERATION	DATE	BY
A	NAF 310621-5460-6 RH WAS NAF 310621 L460-6 RH & NAF 310621-5460-6LH WAS NAF 310621-L460-6 LH.	11-15-40	H.R.T.
B	CHANGED PRESTRETCH LOAD TO 2340# WAS 2520#	2-2-41	AUTHORITY
C	REVISED B/M & CREATED -12, -13, -14 -15 SUB-ASSEMBLIES. REQ/AIRPLANE BROUGHT UP TO DATE.	7-29-41	STORCE
D	CHGD. DIM. 31 7/8 TO 32 1/8	8-12-41	WHITE
E	CHG'D -6, -7, -8, -9 COR. RESIST STL. CABLE TO CARBONTINNED STL. CABLE. CHG'D PRESTRETCH LOAD 2340# TO PRESTRETCH STRENGTH 2520#	4-18-42	MILLIGAN
F	CREATED -3 ASSY.	4-18-42	MILLIGAN
G	IN REQ/AIRP. BLOCK -3 REPLACED -0 FOR PBY-5 WT. CHG. NEG.	4-9-43	WHITE



-2	28-5AMN	28C5750	1
-3	28-5AMN	28C5750	1
-2	28-5MN	28C5500	1
-0	28-5MN	28C5500	1
-2	28-5ME	28C5500	1
-0	28-5ME	28C5500	1
-2	28-5MC	28C5500	1
-0	28-5MC	28C5500	1
-2	28-5MA	28C5500	1
-0	28-5MA	28C5500	1
-2	28-5AMC	28C5750	1
-3	28-5AMC	28C5750	1

ASSY DASH NO	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

REPLACES — CALC WT

REPLACED BY — ACT WT

LIGHT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32

SCALE: 6" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN316-8R				1	1								
28C1118					1								
28C1117				1	1								
Q6336-9						1	1						
NAF 310621-B6						1	1						
NAF 310621-5460-6 L.H.								1					
NAF 310621-5460-6 RH.									1				
-9		CARBON TINNED STEEL CABLE	AN-RR-C-43							1			
-5											1		
-7										1			
-6		CARBON TINNED STEEL CABLE	AN-RR-C-43									1	
PARTS LISTED ON SUB-ASSYS.				-12	-13	-14	-15						
AN155-46S												1	
-13 SUB-ASSY.							1						
-14 SUB-ASSY.									1				
-15 SUB-ASSY.						1							
-12 SUB-ASSY.				1									

PARTS LIST PER ASSY. — -0 | -2 | -3 | -4 | -5

AC		9-15-40	G. GREEN	
NAVY NONE	NOTED	Consolidated		4/18/40
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT. MAT. APPROV ENG

NAME CABLE ASS'Y-RUD & EL. CONTROL PORT FWD.

OPP. HAND

DWG. B SIZE — 28C5511

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

R

(E)

NOTE:
PRESTRETCH CABLE ASS'Y TO
(A) 60% (2520#) RATED STRENGTH
CABLES TO BE COATED WITH
PARALKATONE SPEC. RM 61
TYPE 'B' AS PER SPEC. SP 15C.
DIMENSIONS SHOWN ARE WITH
3 THREADS EXPOSED AT
TURNBUCKLES

C. 91876	-3	PBY-5	28C5086	1
	-2	PBY-5	28C5086	1
C. 88476	-2	PBY-5A	28C5564	1
	-3	PBY-5A	28C5564	1
	-2	PBY-5B	28C5500	1
	-0	PBY-5B	28C5500	1
	-2	U.S.C.G.	28C5001	1
	-0	U.S.C.G.	28C5001	1
	ASSY DASH NO	MODEL	NEXT ASSY.	REQ.

LET.	ALTERATION	DATE	BY
H	CHG'D MAT'L -6,7,8,9,10,11 TO CARBON		
	TINNED STEEL CABLE SPEC. ANRR-C-43-6		
	WAS CORR. RES. ST'L CABLE SPEC. 47CH6L		
	D;E-7,8,9,10,&11 WERE ST'L. CABLE SPEC.		
	22C6-CL.B	4-14-42	KLEIN

E.O. A31663

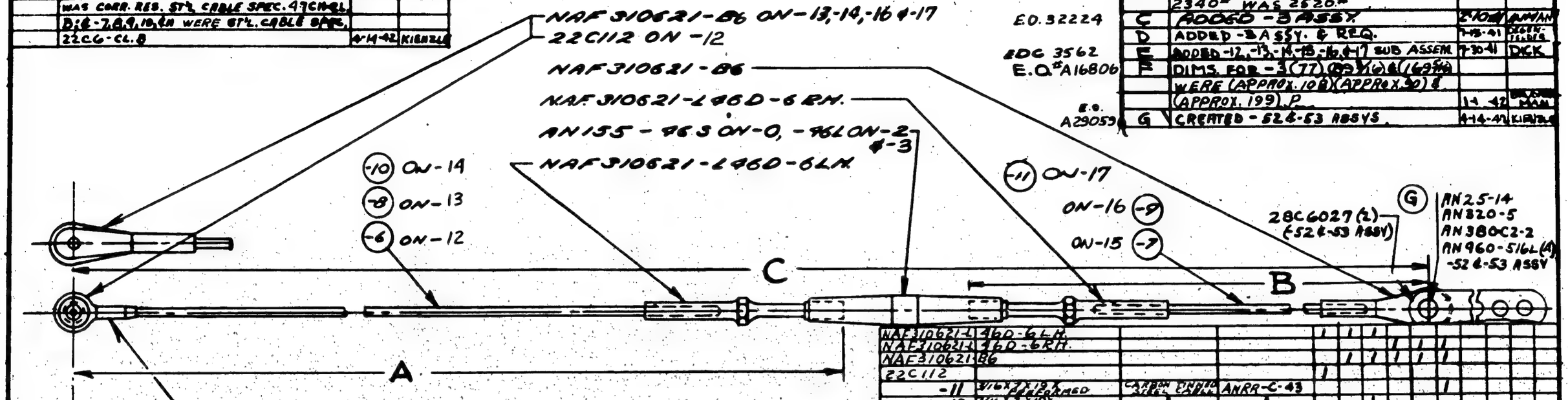
E.O. 2511

E.O. 32224

EDC 3562
E.O. #A16806

E.O. A29059

LET	ALTERATION	DATE	BY
A	LGTH OF -8 FOR-2 10 7/16 WAS 10 3/8	11/25/40	HURST
B	CHANGED PRESTRETCH LOAD TO 2340# WAS 2520#	2-3-41	CONKLIN
C	ADDED -3 ASSY.	2-10-41	HANNAN
D	ADDED -3 ASSY. & REQ.	7-15-41	DICK-TEMPLE
E	ADDED -12,-13,-14,-15,-16,-17 SUB ASSEM.	7-30-41	DICK
F	DIMS. FOR -3 (77) (89 3/16) & (169 5/16) WERE (APPROX. 108) (APPROX. 30) & (APPROX. 199) R.	1-4-42	DICK-HANN
G	CREATED - 52 & -53 ASSYS.	4-14-42	KLEIN



SPLICE CABLE TERMINALS ACCORDING TO BUREAU OF AERONAUTICS PROCESS RS.-2 (C-88476) (C-91836)

NOTE:

(B) PRE-STRETCH CABLE ASS'Y TO 60% (2340#) OF RATED LOAD.
CABLES TO BE COATED WITH PARALKATONE SPEC. R.M. 61 TYPE 'B' AS PER SPEC. SP15C
DIMENSIONS SHOWN ARE WITH 3 THREADS EXPOSED AT TURNBUCKLES

ASSY.	A	B	C
-0	135 9/16	95 5/16	172 1/2
-2	107 7/16	89	198 1/8
-3	77	89 3/16	169 5/16
-52	107 7/16	89	198 1/8
-53	77	89 3/16	169 5/16

(F)

-53	28-5AMN	28C6760	1
-53	PBY-5A	28C6564	1
-52	PBY-5B	28C5500	1
-52	PBY-6	28C5006	1
-3	28-5ANC	28C6750	1
-2	28-5MC&MN	28C6500	1 EA.
-2	28-5MA&ME	28C5500	1 EA.
-0	PBY-5B	28C003	1
-0	28-5MN&AM		1 EA.
-0	28-5MC&MK		1 EA.
-0	28-5MA&ME	28C003	1 EA.

ASSY DASH NO.	MODEL	NEXT ASSY.	QTY.

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY 28C5512 QT — ASY. WT.

LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: 1/32 — SCALE 6"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
28C6027										2	2		
AN960-516L										4	4		
AN380C2-2										1	1		
AN320-5										1	1		
AN25-14										1	1		
AN155-466						/	/						
AN155-463								/	/				
-17				/									
-16								/	/				
-15	SUB ASSYS.			/									
-14										/	/		
-13								/	/				
-12				/									
PARTS LIST PER ASSY.				-0		-2		-3.		-52		-53	

AC		1-16-40			
NAVY NONE	NOTED	CRANDON		1/16/40	1-21-42
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV.	ENG

NAME CABLE ASSY-AILERON CONTROL PORT

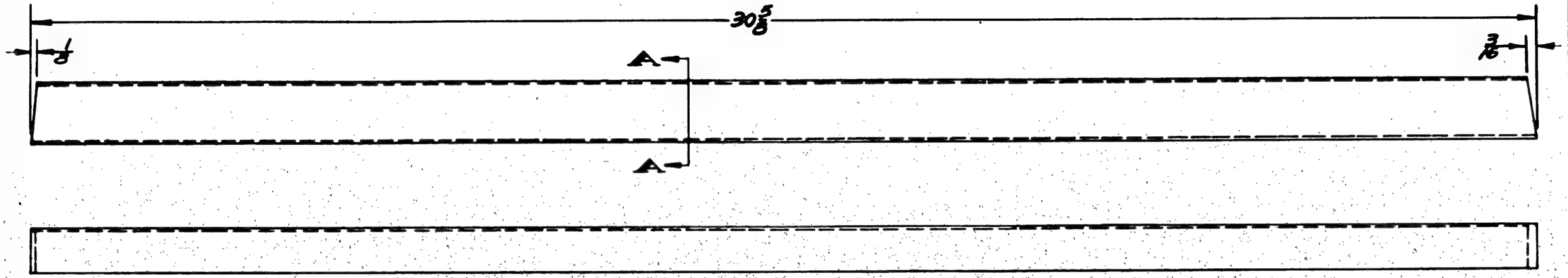
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

SIZE B — 28C5512

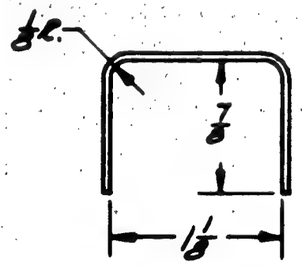
R PP

LET	ALTERATION	DATE	BY
A	RELEASE AFTER RUSH RELEASE	8-5-41	BECKETT



NOTE:
RIVET SIZE & LOCATION
SHOWN ON 28C5049 INSTALL

RUSH RELEASED 8-5-41



SECTION A-A

FINISH CODE	
Z	ANOD'C TREATMEN
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ'D.
	OA-10	28C5049	1
	PBY-3A	28C5049	1

REQUIREMENTS PER AIRPLANE

REPLACES 28C5018-16 (5-13-39) 382# SMLS. WT.

REPLACED BY — ASY. WT.

USE ON DRAWING UNLESS OTHERWISE DIRECTED: ± 1/32

SCALE: 6" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.040 x 3 3/16 x 34	24ST ALAD	47A9-T										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC ——	——	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.
NAVY NONE	Z-P-AP	7-11-41	7-11-41		JCH		
HEAT TREAT	FINISH						

NAME STIFFENER-CONTS.-A.F.C. UNITS-PLATFORM

OPP. HAND NONE

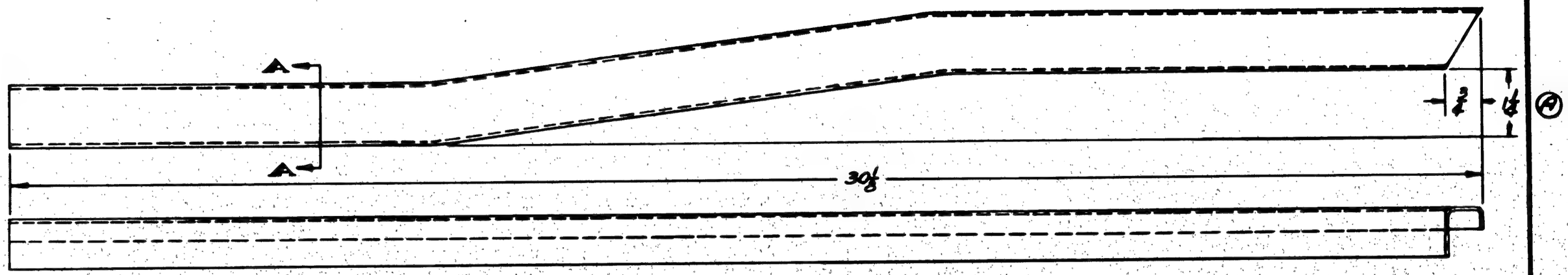
DWG B 28C5516

SIZE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF

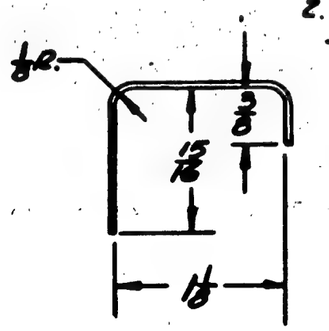
R ✓✓

LET	ALTERATION	DATE	BY
A	RELEASE AFTER RUSH RELEASE		
	1/8" DIM. WAS 1 3/16		



RUSH RELEASED 8-5-41

-NOTE-
1. SHAPE TO FIT 28C5048
2. RIVET SIZE & LOCATION SHOWN ON 28C5049 INST. #2 ON—



SECTION A-A

FINISH CODE	
Z	ANODIC TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. DASH No.	MODEL	NEXT ASSY.	REQ.
	28-10	28C5049	1
	PBY-5A	28C5049	1

REQUIREMENTS PER AIRPLANE

REPLACES 28C5048-17 (5-13-37) 328 Ship. Qty.

REPLACED BY Ass'y. Qty.

Limit on Dimensions Unless Otherwise Specified ±1/32 SCALE 6" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.040 X 3 X 31	2450 AL. ALC.	47A9-A										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		BRICKETT	[illegible] 7-30-41	
NAVY SR-53-T	Z-P-AP	7-11-41		UCH
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG.

NAME STIFFENER-CONTS.-A.F.C. UNITS-PLATFORM

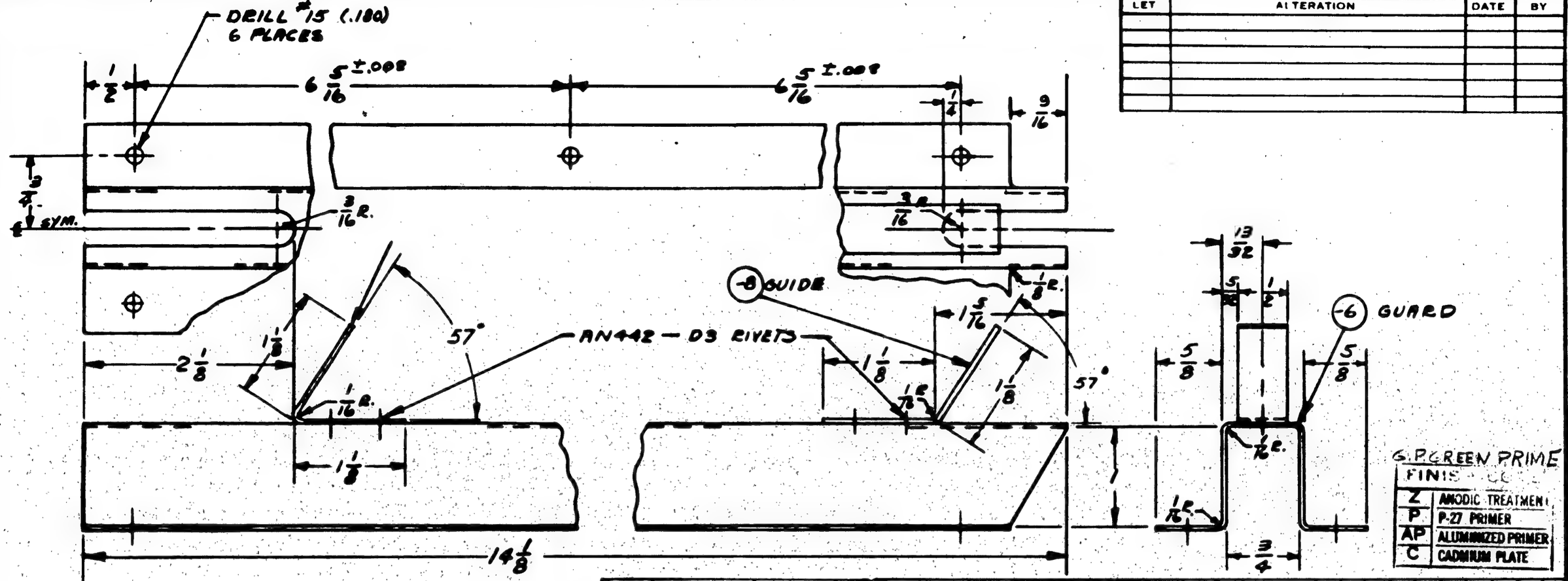
OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B — 28C5517

R VV

LET	ALTERATION	DATE	BY



G.P.GREEN PRIME

FINISH	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

UP TO HULL #505, 507 TO 552 & 563 TO 577

NOTE:-

RUSH RELEASED 9-9-41

ASSY DASH NO	MODEL	NEXT ASSY	REQ'D
	28-5 AMN	28C5526	2
	P8Y-5A	28C5526	2

REQUIREMENTS PER AIRPLANE

REPLACES .11 CALC WT

REPLACED BY ACT WT

LIGHT ON DRAWING UNLESS OTHERWISE SPECIFIED: 1/32 ET | SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

AN442-3

PART NO	STOCK	MATERIAL	SPEC	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-8	.025 x 5/8 x 2 3/8	ALC. SHT.	47AB-T	1									
-7	.025 x 5/8 x 2 1/8	ALC. SHT.	47AB-T	1									
-6	.025 x 4 1/4 x 10	ALC SHT.	47AB-T	1									

FAC									
NAVY NONE	Z-P-2 & 6P	9-3-41							
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT.	APPROV	ENG		

NAME GUARD ASS'Y - CONTROLS RUDDER IDLER PULLEY

OPP. HAND

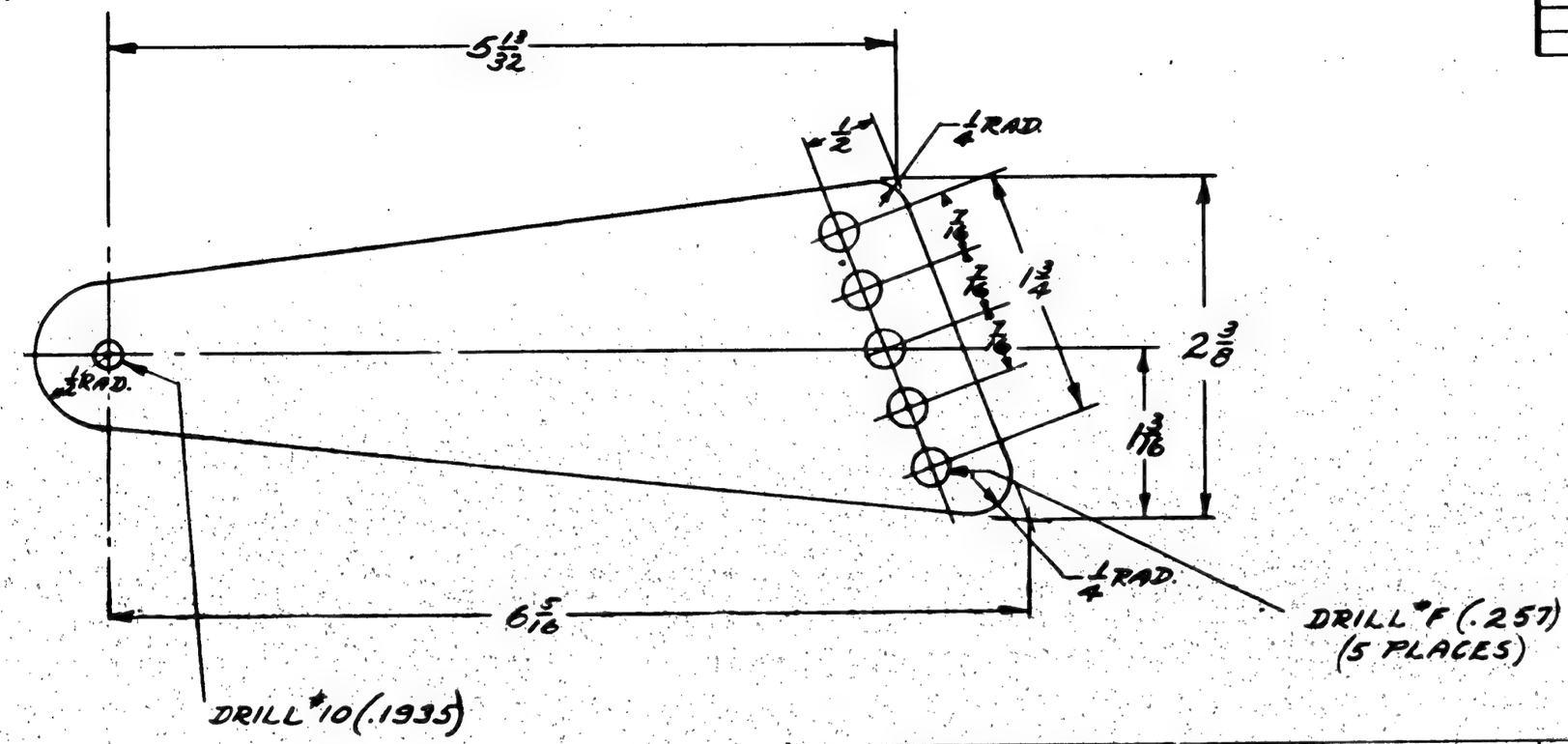
DWG B 28C5524

SIZE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF

R

LET	ALTERATION	DATE	BY
A	INCORPORATED E.O.#A16227		
	& ADDED 28-5AMN REQ'M'TS	10-6-41	WITEK



C.P. GREEN PRIME
FINISH

Z	ANODIC TREATMENT
P	P-37 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY DASH NO	MODEL	NEXT ASSY.	REQ
-0	28-5AMN	28C5704	4
-0	28-5AMC	28C5704	4
-0	OA-10	28C5704	4
-0	PBY-5A	28C5704	4

REQUIREMENTS PER AIRPLANE

REPLACES 28C5709 — CALC WT .05

REPLACED BY — ACT WT

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC	LH REQ.	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
	.051 x 2 5/8 x 7 1/8	AL. AL 24 ST	47A10-T	1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		WITEK	Steven	Dublem	W.F.C.	Klein	Karlson	E.B.
NAVY NONE	Z-P-2[illegible]	10/6/41	10-7-41	Zeitler		10-16-41	Veke	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG	

NAME LEVER — CONTROLS BRAKE VALVES

OPP. HAND

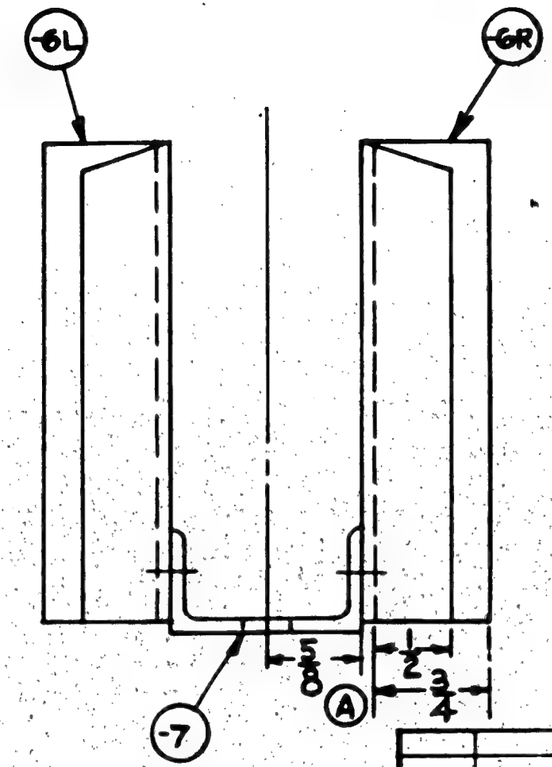
DWG B 28C5539

SIZE

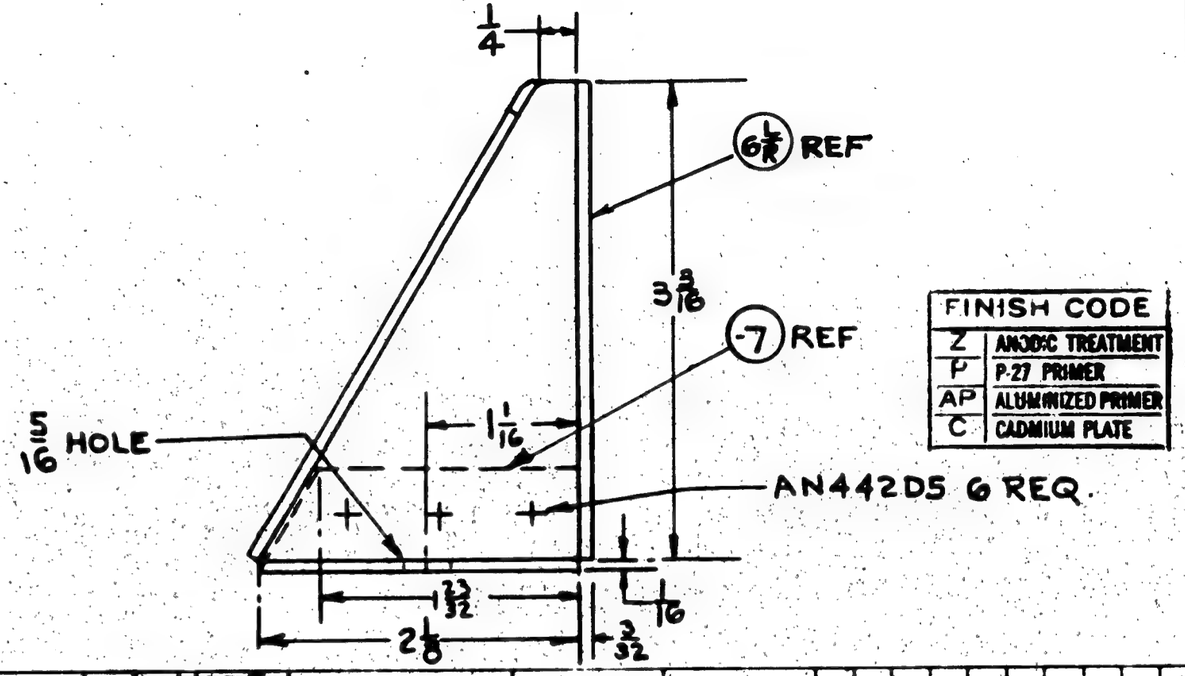
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF

R

LET	ALTERATION	DATE	BY
A	MOVED 5/8 DIM. TO EDGE OF -7. WAS SHOWN TO INSIDE WEB OF -6R	2-6-42	STWED



HULL #306 #353 TO 362 INCL, #378 CON



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ALL BEND RAD. 3/32

RUSH RELEASED 2-3-42

ASSY DASH NO	PBY-5A MODEL	28C5555 NEXT ASSY.	1 NOS

REQUIREMENTS PER AIRPLANE

REPLACES	.16 CALC. WT.
REPLACED BY	ACT. WT.
UNIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

AN442D5

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
-7	K5037 X 2 3/8		AN-A-13 5052-H34	1									
-6R	OB X 5 3/16 X 3 1/2	ALC 2450	T4 AB COND A	1									
-6L	OB X 3 3/8 X 3 1/2	ALC 2450	T4 AB COND A		1								

PARTS LIST PER ASSY.

AF MAT'L	HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV.	ENG
53R-53		ZP	DARTMAN 12-11-41	PASCO 12-16-41			DATE 2-6-42	

NAME BRACKET ASSY—CONTROLS—SBAE RUDDER CONTROL PULLEYS—UPPER

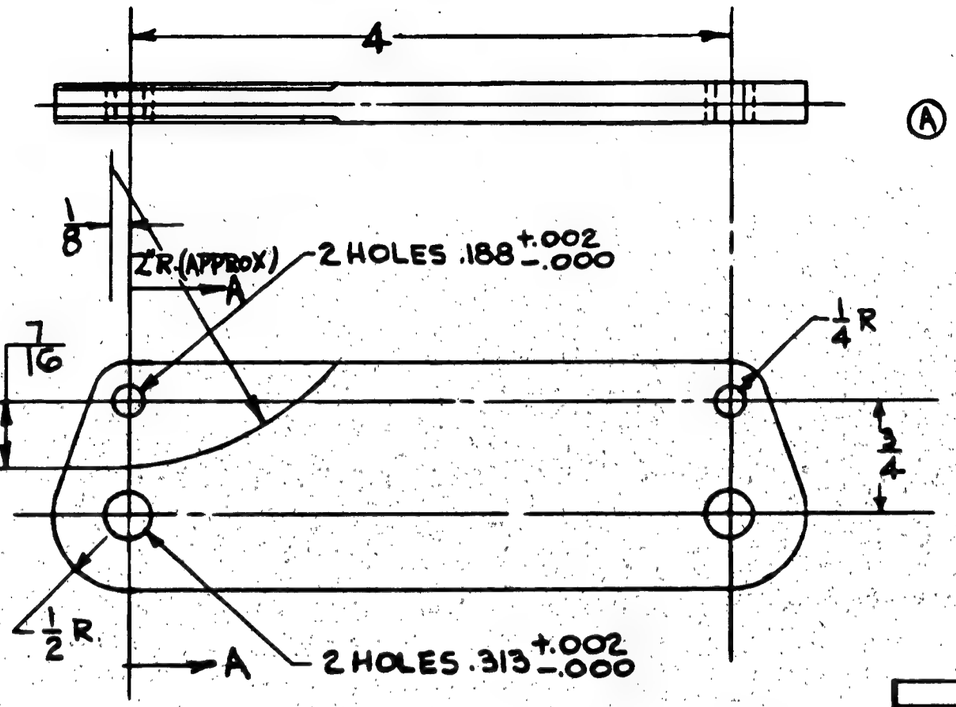
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

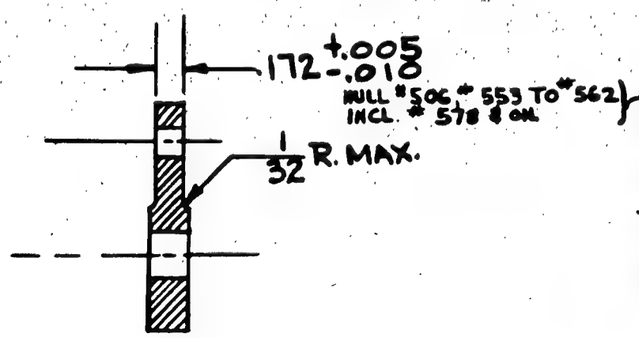
OPP. HAND

DWG. B SIZE 28C5543

R DD

LET	ALTERATION	DATE	BY
A	DIMS "2R" ON ONE SIDED REMOVED. DIM'S 1/16 ADDED ADDED MATERIAL TO B/M	2-4-42	BARTMAN





SECTION A-A

RUSH RELEASED 2-3-42

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28C5563	1

REQUIREMENTS PER AIRPLANE

REPLACES 28C2127 — .18 CALC. WT. — ACT. WT.

LIMIT ON ENGINEERING UNLESS OTHERWISE SPECIFIED: ± 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.	250x156x5/16	AL ALL 2457	QQA10-T	-0		-2		-3		-4		-5	

AC		BARTMAN							
NAVY NONE	ZP	1-22-42	1-29-42		TATE	3-6-42			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG.		

PASCO — PACMIL

NAME PLATE-CONTROLS SBAE RUDDER CONTROL-CONNECTOR

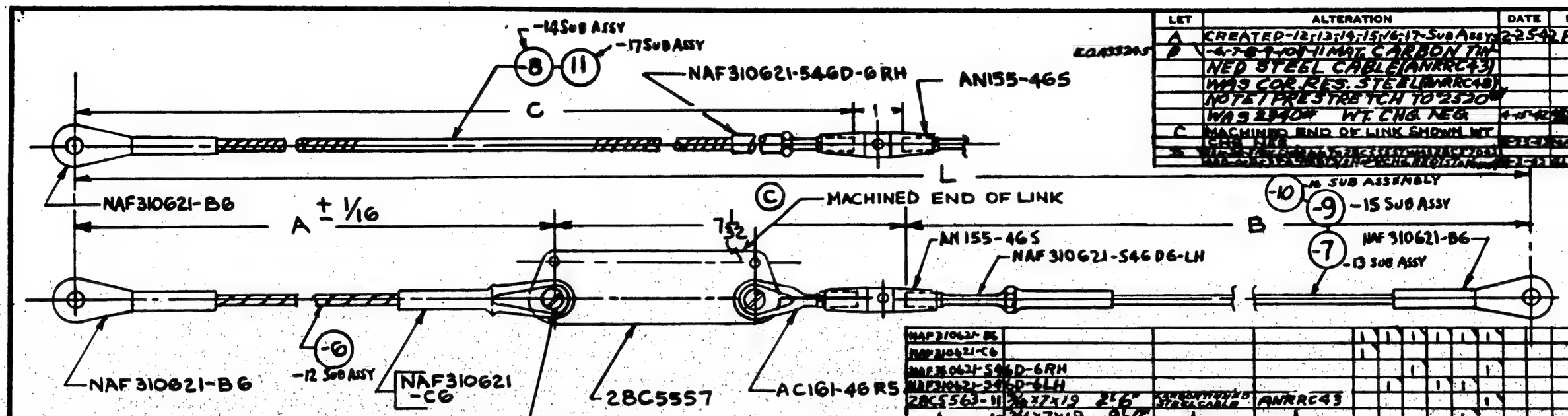
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28C5557

R

LET	ALTERATION	DATE	BY
A	CREATED-12;13;14;15;16-17-SUB ASSYS	2-25-42	PAS. CO
B	-6-7-8-9-10-11 MAT. CARBON TIN NED STEEL CABLE (ANRRC43) WAS COR. RES. STEEL (ANRRC48) NOTE 1 PRESTRETCH TO 2320# WAS 2340# WT. CHG NEG.	4-15-42	
C	MACHINED END OF LINK SHOWN, NOT CHG. DIM.		



-3	INNER		104 3/8	20 5/32	134 3/32	1.34	
-2	OUTER		60 7/16	76 7/32	139 23/32	1.40	
-0	INNER	25 3/8	101 3/8		134 1/32	1.38	
PART NO.	LOCATION	A	B	C	L	CALC WT	ACT WT

HULL "SOLA" 503-4525 "STAR"

RUSH RELEASED 2-3-42

NOTES:-

1. PRESTRETCH CABLE ASSY TO 2320# WHICH IS 60% OF RATED STRENGTH
2. CABLE TO BE COATED WITH PARALKATONE SPEC. RM61 TYPE "B" AS PER SPEC. SR 15C
3. LIMITS ON "L" DIM. TO BE ± 1/4 VARIATION TO BE TAKEN BY "B". "A" DIM. TO BE HELD AS SHOWN
4. DIMENSIONS GIVEN ARE WITH 3 TH'DS. EXPOSED AT TURNBUCKLE
5. SWAGE SPEC T46b AS APPLICABLE

-3	28-5AMN	28C5556	1
-2	28-5AMN	28C5585	1
-1	MBX-6	28C6485	1
-0	PBY-5	28C6538	1
ASSY DASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES 28C2091	NOTED GALC. WT.
REPLACED BY	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± NOTED	SCALE 6"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
NAF 310621-B6													
NAF 310621-C6													
NAF 310621-546D-6RH													
NAF 310621-546D-6LH													
28C5563-11	3/16x7x19	2'-6"	CORROSION RESISTING STEEL CABLE	ANRRC43									
-10	3/16x7x19	9'-0"											
-9	3/16x7x19	5'-3"											
-8	3/16x7x19	6'-6"											
-7	3/16x7x19	8'-3"											
28C5563-6	3/16x7x19	2'-6"	CORROSION RESISTING STEEL CABLE	ANRRC43									
	SUB ASSYS			-12	-13	-14	-15	-16	-17				
AN25-14								2					
AN320-5								2					
AN280-2-2								2					
AC161-46R5								1					
AN155-465				1		1		1					
28C5557				1									
28C5563-13	SUB ASSY								1				
28C5563-16	SUB ASSY								1				
28C5563-15	SUB ASSY							1					
28C5563-14	SUB ASSY							1					
28C5563-13	SUB ASSY							1					
28C5563-12	SUB ASSY							1					

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC		DRAFTSMAN	Pasco				
NAVY NONE	NOTED		2-3-42		DATE		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

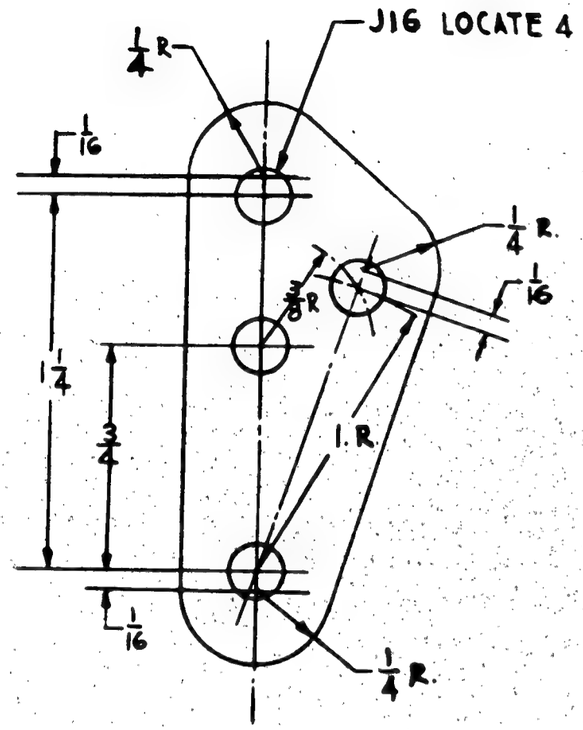
NAME CABLE ASSY-CONTROLS RUDDER PEDAL IDLER

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28C5563

LET	ALTERATION	DATE	BY



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

CONTR. 91876
CONTR. 88478

ASSY. DASH No.	MODEL	NEXT ASSY.	REQ
	PBY-5	28C2122	2
	PBY5A	28C2122	2

REQUIREMENTS PER AIRPLANE

REPLACES — .02 CAMS. WT.

REPLACED BY ACT. WT.

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

SCALE 24" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.	.125X1 3/8A2 1/8	AL.	24ST. 47A10 CONST	-0		-2		-3		-4		-5	

AC		PASCO	Stolen	BERGER	JER.	PACH	J.F. WILDRED	EB
NAVY —	2-P.	2-5-42	2-6-42				WOLD 5/4	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG	

NAME. LINK - CONTROLS - 1/8 CABLE - ADJUSTMENT

OPP. HAND

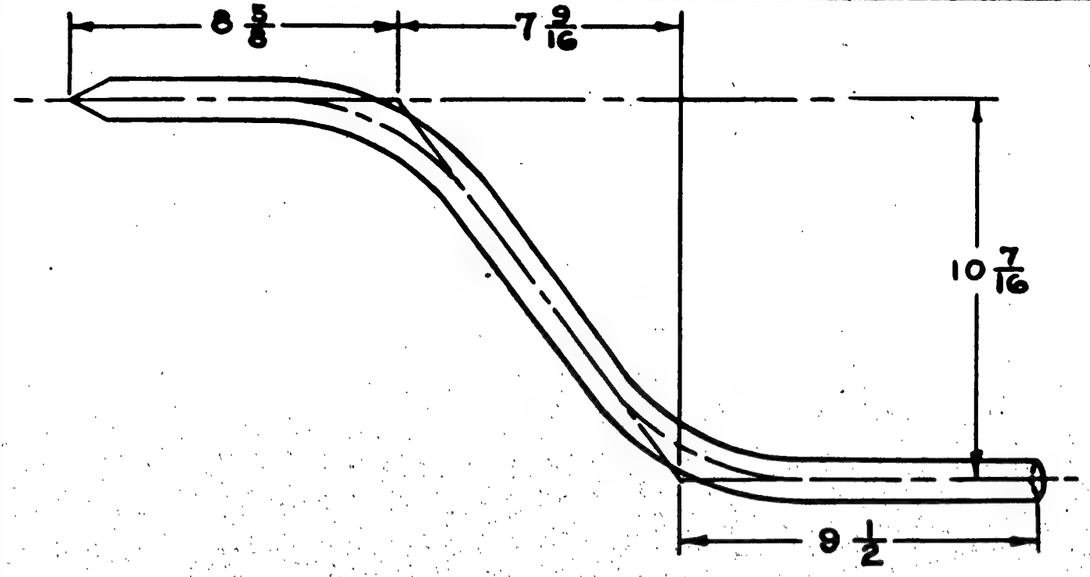
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

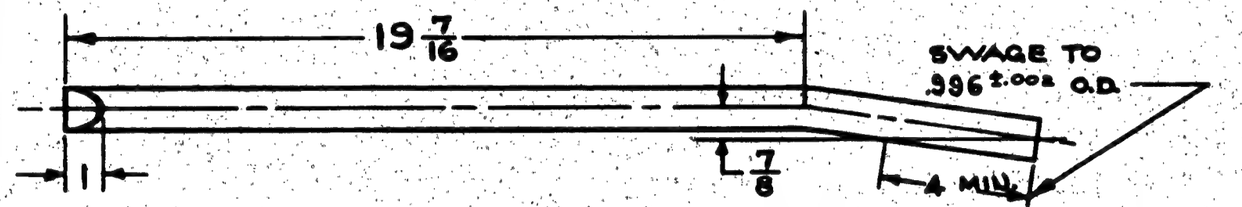
SIZE B

DWG. 28C5565

R LL

LET	ALTERATION	DATE	BY
A	IN BILL OF MAT'L, REPLACED "CR. MOLY TUBE" & "44T18" &		
	"NOTE" WITH "NOTED" ON FACE, ADDED MATERIAL		
	NOTE. NO WT. CHG.	9-20-43	HODIK





ALL BENDS 6" RADIUS

C-NO&(S)464, C.*77713 & *88476 → C.*88477
C.*91876

	28-5AMU	28C5567	1
	PBY-5B	28C5567	1
	PBY-5A	28C5567	1
	PBY-5	28C5567	1
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES 28F8235	1.03# EACH WT.
REPLACED BY	ASS'D. WT.
SCALE OF ENGINEERING DRAWING 1/32	SCALE 3" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

Ⓐ MATERIAL, MAY BE:
(A) S.A.E. X4130 CR. MOLY STEEL TUBING, WELDED, SPEC. AN-T-3, T.S. 90,000 - 125,000 P.S.I., OR
(B) X4130 CR. MOLY STEEL TUBING, SEAMLESS, SPEC. AN-WW-T-850, T.S. 90,000 - 125,000 P.S.I.

DRAWN AS PER E.O. A35326

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
	1½ O.D. x .049 W.T. x 1½	NOTED	NOTED										

PARTS LIST PER ASSY.

AC		DESIGNED MAN.	JONES	GERBER	BALLAH	GROUND-CHK.	ZUCK	
NAVY NOTED	NONE	4-15-42	4-15-42		4-24-42		WOLD	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME TUBE - CONTROLS AIL. & ELEV. YOKE LOCK

OPP. HAND

SIZE B

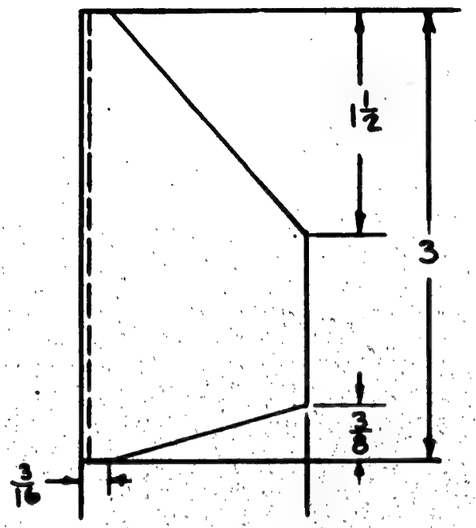
28C5569

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

28C5569

R

LET	ALTERATION	DATE	BY



SERIAL #1456 THRU #1489
#7149 - #7382
#08972 - #09004
#09098 - #09131
#012948 - #012981
#013160 - #013193
#04398 - #04431
(33 SHIPS)

FINISH CODE	
Z	ANOD'IC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY5A	28C5088	1

REQUIREMENTS PER AIRPLANE

REPLACES — GALC. WT.

REPLACED BY — ACT. WT.

LIMIT ON ENGINEERING UNLESS OTHERWISE SPECIFIED: ± .032

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	064 x 5 x 3¼	ALCLAD SHT 47A-T											
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		4-1-42	Loudon	Gerber		Klein	Aldred	
NAVY —	2 P.	Pasco		Copenhaver J.C.		4-7-42	Mackler	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG.	

NAME FASTENING - CONT. - RUDDER AFC PULLEY BRACKET - AFT.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

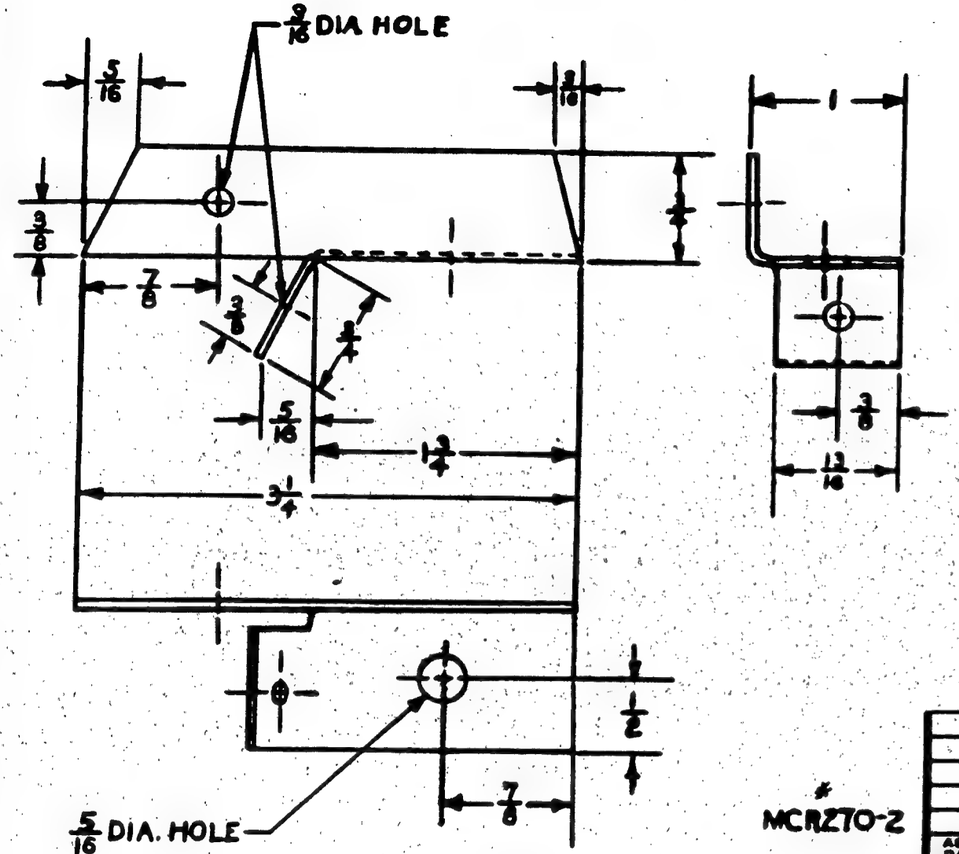
OPP. HAND —

DWG. B SIZE

28C5572

R

LET	ALTERATION	DATE	BY



MCR2TO-2

NOTE:
ALL BENDS & RELIEF RADII 1/8

APPROVED FOR TOOLING BY
Gershine 7-17-43

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	P8Y-1A	28C3518	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. .09

REPLACED BY — ACT. WT.

UNLESS OTHERWISE SPECIFIED: ± 1/32 — SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.072 X 1 3/8 X 3 1/2	ALC. 24ST	QQ-A-362 T	-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC		STEWART	
NAVY ———	Z-P-GP	6-30-43	Bowen 7-17
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT / MAT. / APPROV. / ENG.

NAME BRACKET-FOLLOW-UP CABLE STA. 2.5 PULLEY

OPP. HAND ———

CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO, CALIF

DWG. B SIZE — 28C5589

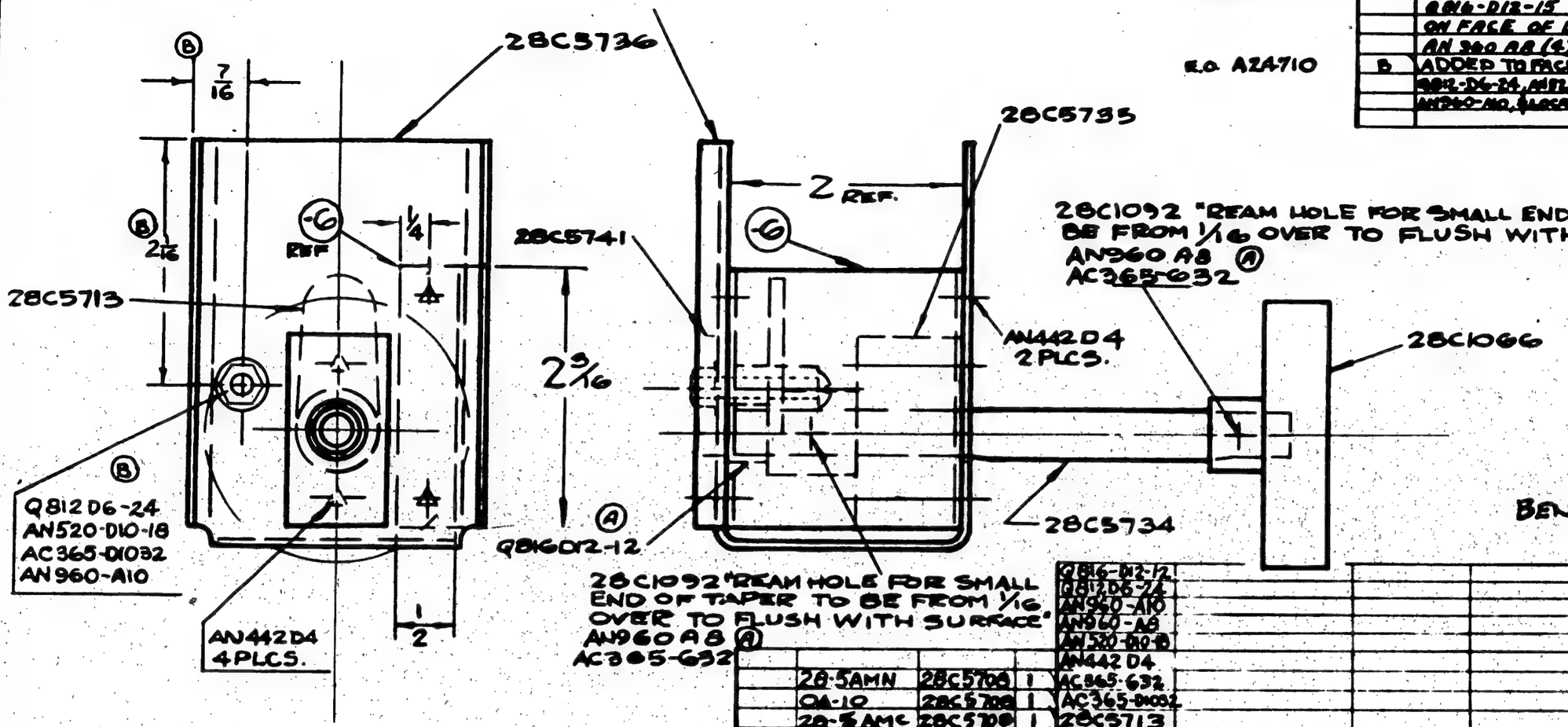
28C5589

R

PBY-5A, OA-10, 28-5AMC
RDC1816B AND D

E.O. A24710

LET	ALTERATION	DATE	BY
A	ON DWG. & B/M. Q816-D12-12 WAS		
	Q816-D12-15		
	ON FACE OF DWG & B/M		
	AN 960 A8 (4) WAS AN 960 D6 (2)	9-11-40	WHITE
B	ADDED TO FACE OF DWG & B/M:		
	Q812-D6-24, AN520-D10-18, AC365-D1032,		
	AN960-A10, & LOCATING DIM. WT. ONE [illegible]	9-17-40	[illegible]



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY DASH NO	MODEL	NEXT ASSY.	QTY
	28-5AMN	28C5700	1
	OA-10	28C5700	1
	28-5AMC	28C5700	1
	PBY-5A	28C5700	1

REQUIREMENTS PER AIRPLANE

REPLACES	.42 CALC. WT
REPLACED BY	AGT. WT.

UNLESS OTHERWISE SPECIFIED 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
Q816-D12-12													
Q812D6-24													
AN960-A10													
AN960-A8													
AN520-D10-18													
AN442D4				4									
AC365-632						2							
AC365-D1032													
28C5713													
28C5736													
28C5741													
28C1092						2							
28C1066													
28C5735													
28C5734													
-0	.040 x 2 3/8 x 3 1/4	AL. ALLOY	47A10 T	1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

A C		11-15-40	D		BMN	Klein	Jack
NAVY —	2 - P - 5A	KIRKWOOD		Green	J.F.R.	4-15-41	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG

NAME SUPPORT ASSY. CONTROLS PARK BRAKE LOCK HANDLE

OPP. HAND —

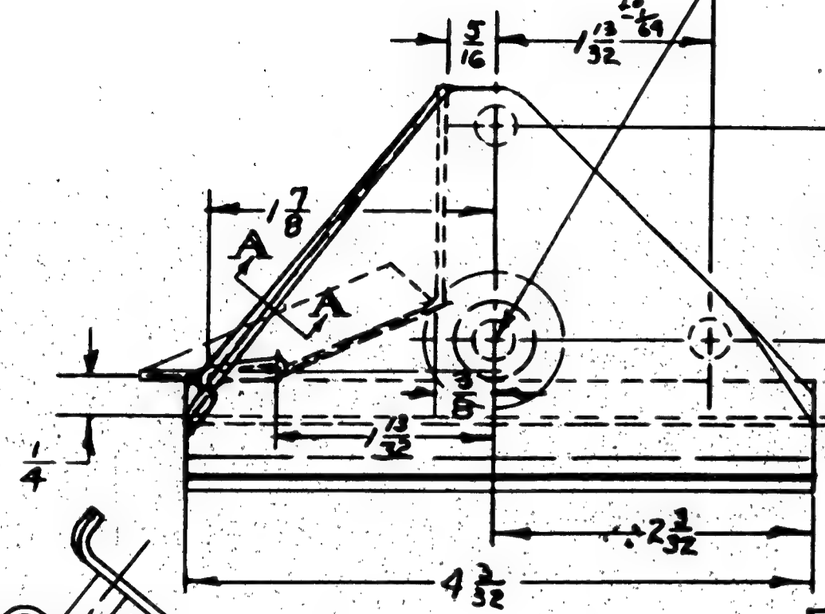
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

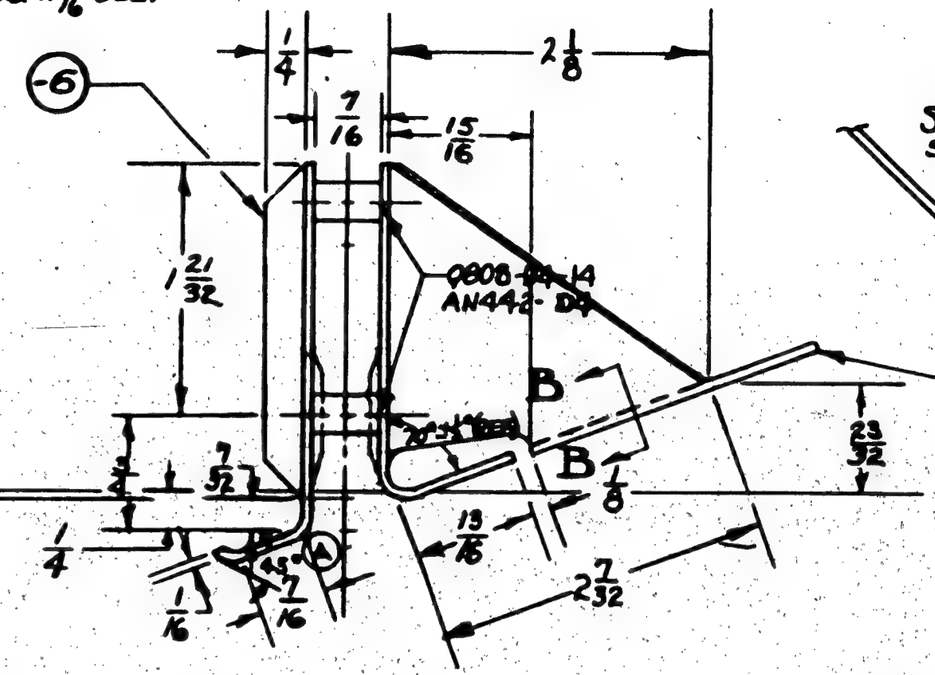
DWG. B SIZE 28C5715.

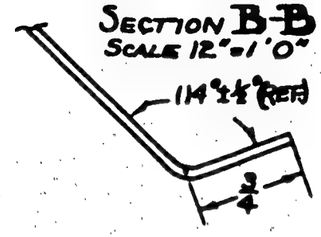
LET	ALTERATION	DATE	BY
A	ADDED 45° DIM	3/28/44	Green
B	MAT. SPEC. CHANGED FROM CRES T	4/14/44	OLSEN
	TO CRES A ON -6 & -7		

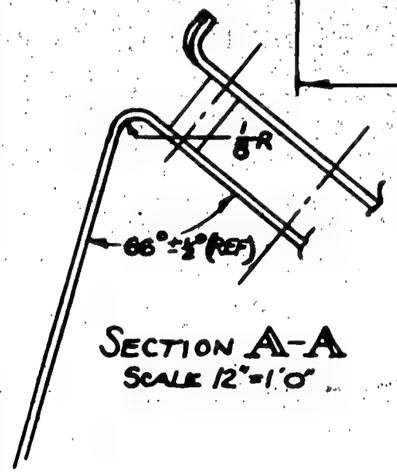
20-99K-1 AN-10 PQ2Y-5 AN-8 & 9 E.O. A-950

LINE DRILL #10 (.193) DIMPLE
1/2 I.D. × 3/8 O.D. × 1/16 DEEP









SECTION A-A
SCALE 12"=1'0"

NOTE -
ALL BEND RADII 1/8
ALL BEND RELIEF RADII 1/8

SPARE PRINT

FINISH CODE	
Z	ANODIC TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY DASH NO	MODEL	NEXT ASSY.	QUAN
	OAU-1	28C5708	1
	PBY-AMC	28C5708	1
	PBY-5A	28C5708	1

REQUIREMENTS PER AIRPLANE

REPLACES — Calc. Wt. √2 ←

REPLACED BY — Act. Wt.

Limit ± Dimensions Unless Otherwise Specified ± 1/64 SHEETED

SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
			AN442 D4									2	
			Q808-P4-14										2
-7	.064 x 3 1/8 x 7 1/4	ALCLAD SHEET	QQA-250/4 A									1	
-8	.064 x 3 1/8 x 9 1/4	ALCLAD SHEET	QQA-250/4 A									1	

PARTS LIST PER ASSY.

AC			J.H. HAMILTON	AP	GREEN	BMN			JWH
NAVY SR-53	Z-P-2 C.P.		4-8-40			J.R.R.			
HEAT TREAT	FINISH		DRAFT	CHECK	STRUCT	MAT		APPROV	ENG

NAME BRACKET ASSEMBLY-CONTROLS STARBOARD OUTER-BRAKE VALVE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF

OPP HAND

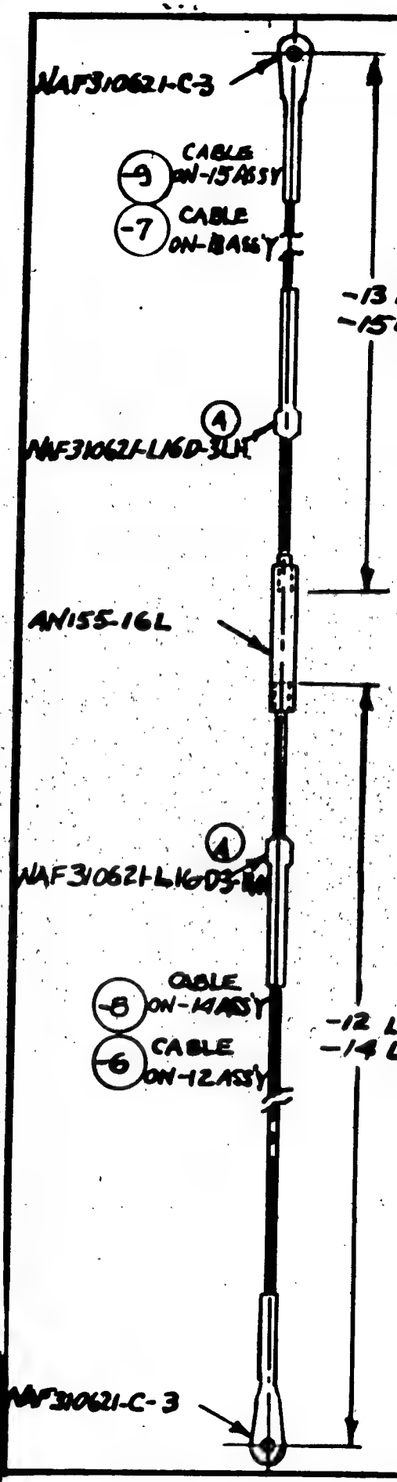
DWG B SIZE 28C5722

R

LET	ALTERATION	DATE	BY
A	CHANGED NAF 31062L-L16D-2 TO READ NAF31062L-L16D-3 L.H. & NAF31062L-R.16D-3 TO READ NAF31062L-L.16D-3 R.H. & CORRECTED DIM.	12/5/42	[illegible]
B	CORRECTED DIM. - NO CHANGE ON FACE	1/8/43	[illegible]
C	CHG'D ARMS OF PROP IN E/M -12 ARM OF 6'-4 11/16 WAS APPROX. 8' -14 ARM OF 23 1/2" WAS AP. PROX. 8'-2" -15 ARM OF 5'-8 3/4 WAS 4'	1-14-43	[illegible]
D	CHANGED MAT. & SPEC ON -6-7-8 (-9 FROM FLEX COR RESIST. 38,000 PSI CLASS A TO CARBON TINNED STEEL ANRR-C-93 NEG. WT. CHG	8-18-43	[illegible]

E.O. A16718

E.O. A33264



NOTE
PRESTRETCH CABLE ASSEMBLY TO 60% RATED LOAD (552 #)
CABLES TO BE COATED WITH PARALKATONE NAVY SPEC. RM 61 TYPE 'B' APPLIED PER NAVY SPEC SR 15-C
DETERMINE EXACT LENGTH OF -8 & -6 ON FIRST SHIP & NOTIFY ENGINEERING DEPT

NAF31062L-C	3 OPNS			/	/	/	/
NAF31062L-L	L16D-3 LH TERMINAL				/		/
NAF31062L-L	L16D-3 RH TERMINAL			/		/	
28C5728 -9	7/32 x 6 FT	CAB. TINNED STEEL	ANRR-C-93				/
-8	7/32 x 2 1/4 FT					/	
-7	7/32 x 3 1/2 FT				/		
28C5728 -6	7/32 x 6 1/2 FT	CAB. TINNED STEEL	ANRR-C-93	/			
				12	13	14	15

(8)

SUB-ASSEMBLIES

				LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
PART NO.	STOCK	MATERIAL	SPEC.										
28C5728-15	CABLE ASS'Y	NOTED	49 CI CLASS A			/							
-14	CABLE ASS'Y	NOTED				/							
-13	CABLE ASS'Y	NOTED											
28C5728-12	CABLE ASS'Y	NOTED	49 CI CLASS A	/									
	SWAGEYN IRC	.041 X 6'	STAINLESS STL	/		/							
AN155-16L	BARREL			/		/							

PARTS LIST PER ASSY.

-2	28-5AMN	28C5708	/
-0	28-5AMN	28C5708	/
-2	28S-AMC	28C5708	/
-0	28S-AMC	28C5708	/
-2	PBY-5A	28C5708	/
-0	PBY-5A	28C5708	/
ASSY DASH No	MODEL	NEXT ASSY.	QTY.

STB'D BRAKE CABLE
PORT BRAKE CABLE

REQUIREMENTS PER AIRPLANE

REPLACES STAL 79# CALC. WT.

REPLACED BY ACT. WT.

LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED +.xx

SCALE 6" = 1'-0" NOTED

STAMP PART NUMBER WHERE SHOWN

AC		J.H. MORRISON	R		KERR	KLEIN	
NAVY NONE	NOTED	9-10-40			J.F.R.		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG
					FAF	2-20-42	

NAME CABLE ASSEM - CONTROLS - BRAKE VALVE MECHANISM.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

DWG. B SIZE

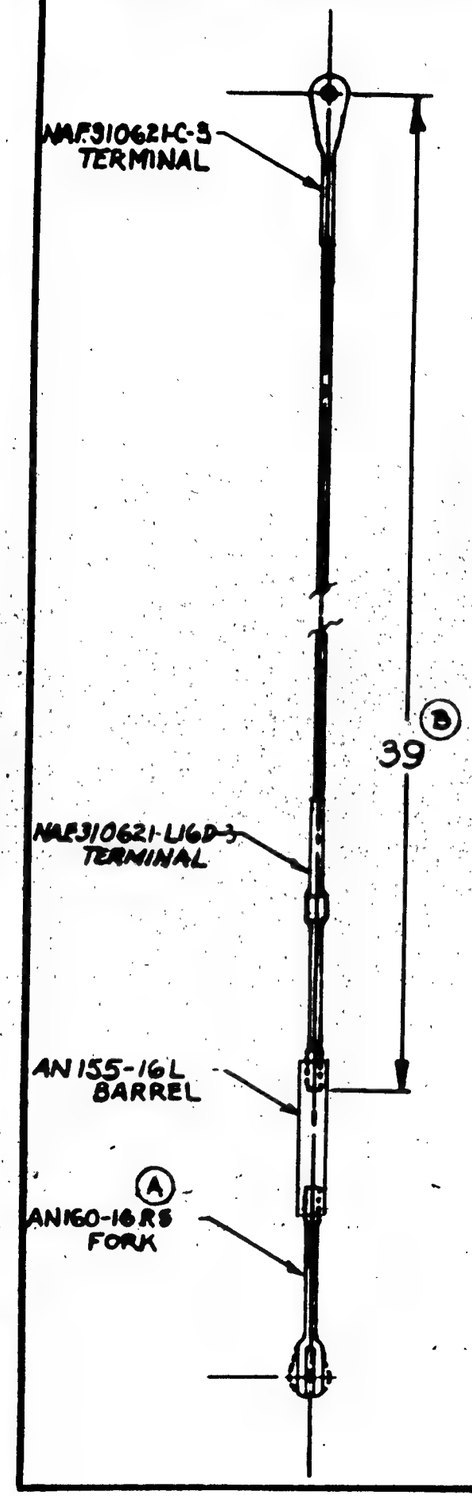
28C5728

JV R

28-5 AMC, 28-5 AMN
ALL NOTES EXCEPT "I"
P.O. A 18733

E.O. A33243

LET	ALTERATION	DATE	BY
A	AN161-16L REPLACED BY AN161-16RS	1-15-42	K
B	.53 DIM. WAS .56 APPROX.; REMOVED		
	PART OF NOTE: "DETERMINE EXACT [illegible] ENG. DEPT." NO WT. CHG.	3-16-42	
C	CHANGED -6 MAT & SPEC. FROM [illegible] STEEL 4130 CLA. TO [illegible] AND ADDED SYMBOL AN818-C-45	4-1-42	



NOTE:-
PRESTRETCH CABLE ASSEMBLY TO 60% RATED LOAD (552#) CABLES TO BE COATED WITH PARALKATONE, NAVY SPEC. RM. 61, TYPE B. APPLIED PER NAVY SPEC. SR. 15C.

(B)

ASSY DASH NO.	MODEL	NEXT ASSY.	QTY.
	28-5AMN	28C5708	1
	28S-AMC	28C5708	1
	28Y-5A	28C5708	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/2 — SCALE 6"=1'0" AS NOTED

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN160-16RS	FORK			1									
AN155-16L	BARREL			1									
NAF31062HLC-3	TERMINAL			1									
NAF31062HC-3	TERMINAL			1									
-6	2X7/16X139 FT	CRES [illegible]	AN818-C-45	1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

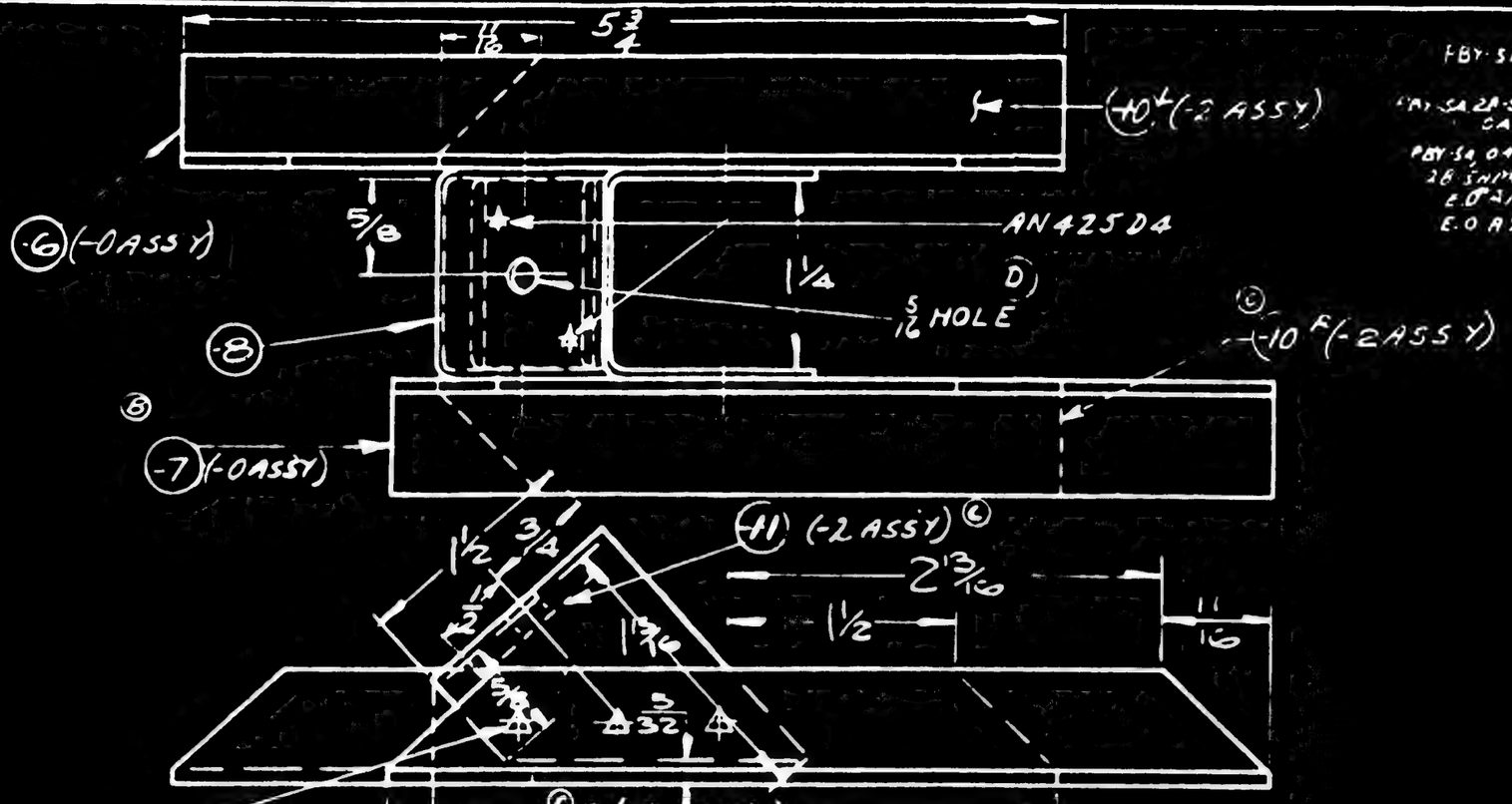
AC		JIG DRILLED						
NAVY NONE	NOTED	9-10-40	PC			1-20-42		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG	

NAME CABLE ASSEM. - CONTROLS - BRAKE LOCK MECHANISM

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28C5732



FBY-5A -3A-1
(A) -5A 28-5AM & CA-10
FBY-5A 0410 & 28 SNPK
E.O 21423.94
E.O A22335

	ALTERATION	DATE	BY
A	REMOVED -7 FROM DWG & ADDED -11	12-19-40	SINGER
B	CHANGED -6 REQTS WAS 1 REINSTATED -7 & CHANGED -6 REQ TO 1 WAS 2	1-21-41	EDWISTER
C	ADDED 2 ASSY AND 10 1/16 -11 REQ'D -7 AN425D4 -10 REQ'D -7 AN425D4	10-6-42	NITTER
D	5/16 HOLE WAS F (.257) DRILL, NO WT. CHG	3-16-42	KNEELE
E	IN BM FOR -6 & -7 REPLACED "K5401 X 5/8, AL. AL 24ST, 46A10-T" WITH "Y-2-A27RT X5 1/8" FOR -10 1/16 REPLACE "K5401 X 4 1/8, AL. AL 24ST, 46A9-T" WITH "Y-2-A27RT X4 1/8 (WT CHG-NIL)	4-26-43	KNIGHT
F	ON FACE -10 & C-2 ASSY) WAS -11 (C-0 ASSY) NO WT CHG	9-21-43	HATCH DSWELL

GP-GREEN PRIME
CODE
DC TREATMENT
PRIMER
UMINIZED PRIMER
ROMIUM PLATE

BEND RADII -8 & -11, REF 1/8

ASSY DASH NO	MODEL	HEAT ASSY	REQ
-2	28-5AMN	28C5708	1
-0	28-5AMN	28C5708	1
-2	28-5AMC	28C5708	1
-0	28-5AMC	28C5708	1
-2	PBY-5A	28C5706	1
-0	PBY-5A	28C5706	1

REQUIREMENTS PER AIRPLANE

REPLACES .13 CAT WT
REPLACED BY ACT WT
SCALE 12" = 1-0
1/32
STAMP PART NUMBER WHERE SHOWN

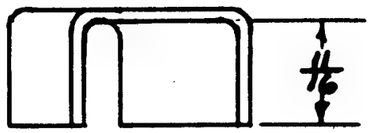
AN442D4
AN425D4

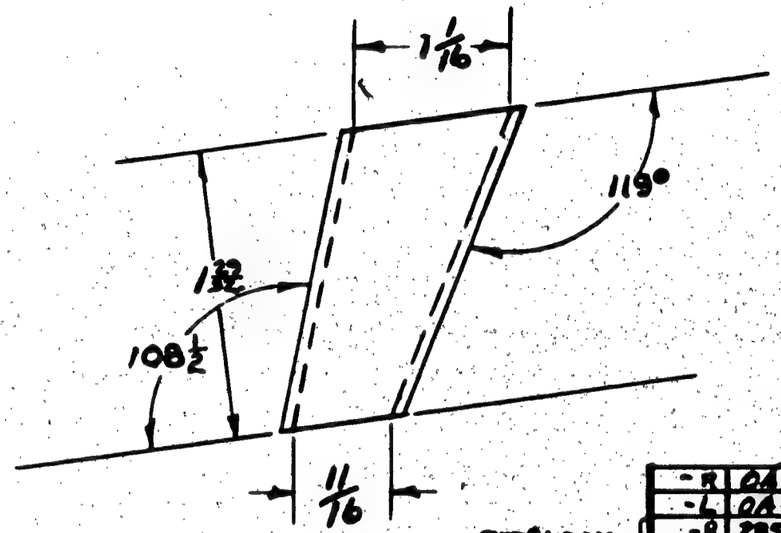
PART NO	STOCK SIZE	MATERIAL	SPEC	LH REQ -0	RH REQ -0	LH REQ -2	RH REQ -2	LH REQ -3	RH REQ -3	LH REQ -4	RH REQ -4	LH REQ -5	RH REQ -5
-11	1/8 x 1 x 1 3/8	AL. AL. 24ST 46A9T											
-10	Y-2-A27RT X 4 1/8												
-10	Y-2-A27RT X 3 1/8												
-8	1/8 x 1 x 2 1/8	AL. AL. 24ST 46A10T											
-7	Y-2-A27RT X 5 1/8												
	Y-2-A27RT X 5 1/8												

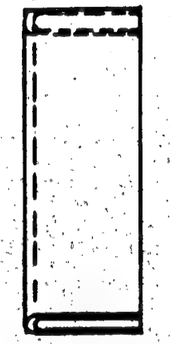
PART LIST PER ASSY

AC
NAVY —
HEAT TREAT
ZP-2-GP
FINISH
NOVAR 1 FR PNF 3 1/16/41
NAME BRKT. ASSY-CONTROLS -PARK. BRAKE LOCK
OPP HAND —
DWG. B 28C5739
CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF
SIZE

LET	ALTERATION	DATE	BY







-R	0A-10	28C5753	1
-L	0A-10	28C5753	1
-R	285-AMC	28C5753	1
-L	285-AMC	28C5753	1
-R	P8Y-5A	28C5753	1
-L	P8Y-6A	28C5753	1

SHIPS #1 ONLY

SHIPS #294 TO 300 & 310 & 314

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES	.03 GALC. WT.
REPLACED BY	ACT. WT.
LAY OUT DIMENSIONS UNLESS OTHERWISE SPECIFIED	SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-6	P6S x 2 x 3½	ALCD 24ST	4788 COND T	1	1								

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC —	—	J.H. HARRISON					
NAVY NONE	2-P-2AL	2/4/41					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME CHANNEL-CONTROLS-PULLEY BRACKET SUPPORT STA. 5.0

OPP. HAND 28C5757-R

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

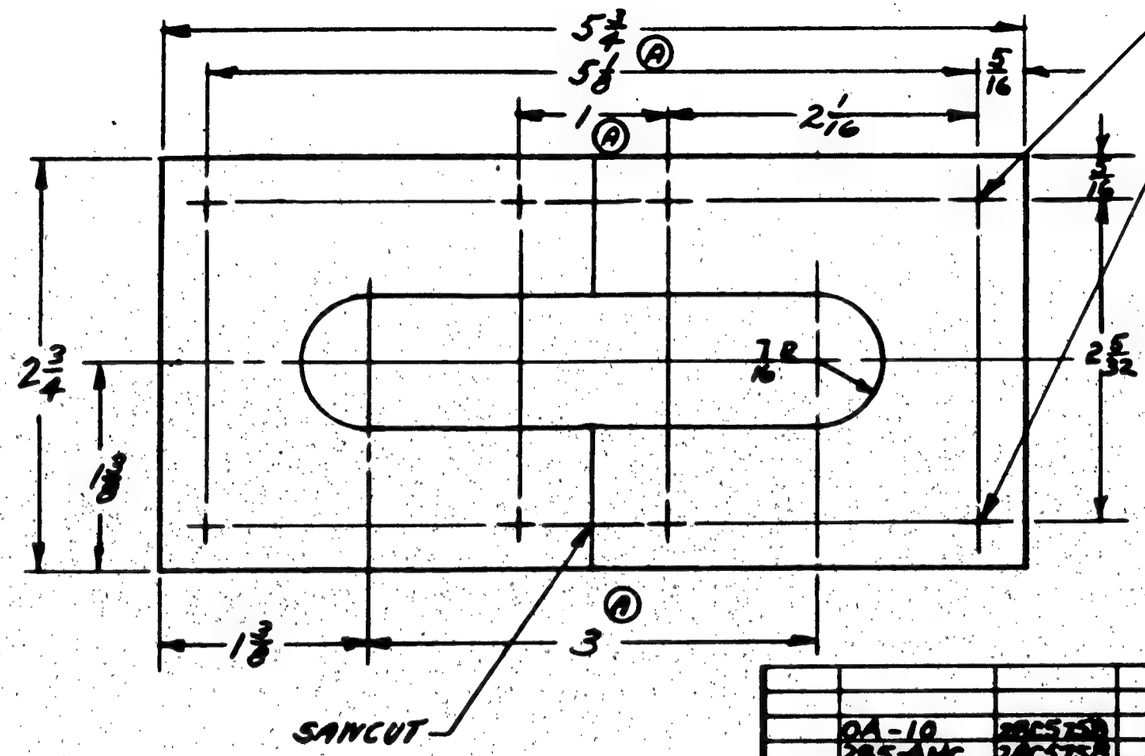
SIZE B

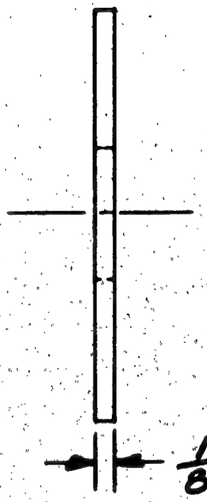
28C5757

R V

LET	ALTERATION	DATE	BY
A	ADDED 2 (.1285) HOLES @ 1 7/16		
	3 DIM WAS 4 1/4, 2 7/16 WAS 3 1/8		
	5 1/8 WAS 7, & 5 5/8 WAS 6 1/8	9 JAN 1941	WITTER

K





JIG DRILL #30 (.1285) 8 PLACES

PURCHASE TO DWG.

	OA-10	28C5760	A
	28S-A&C	28C5760	A
	PBY-5A	28C5760	A
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES — GALC. WT.

REPLACED BY — ACT. WT.

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .3 — SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

A-C — J.H. MACHINING

NAVY NONE — MATERIAL — 9/17/41 — DRAFT

HEAT TREAT — FINISH — CHECK — STRUCT. — MAT. — APPROV.

NAME FAIRLEAD-CONTROLS - ELEV'N.U
LEFT RUDDER - SHEAR WEB

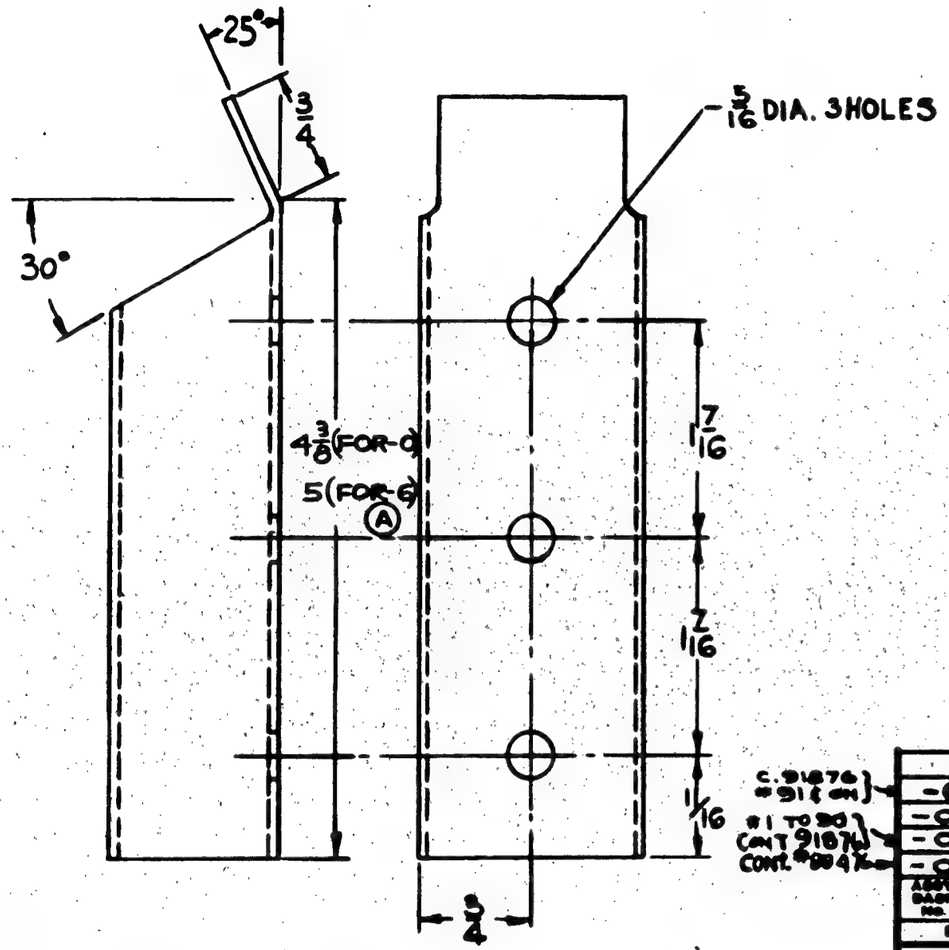
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — 28C5760

EQA94959

LET	ALTERATION	DATE	BY
A	CREATED - 6 PART. WT. CHG. NEG.	3-29-42	[illegible]



BEND & RELIEF RADII 1/8

RUSH RELEASED 3-21-42

RUSH REL 3-21-42

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

-6	PBY-5	28C5110	1
-0	PBY-5B	28C5560	1
-0	PBY-5	28C5560	1
-0	PBY-5A	28C5560	1
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.

C-91876 #91 (ON)
#1 TO 90 CONT 91876 CONT #90 ON

REQUIREMENTS PER AIRPLANE

REPLACES — .11 CALC. WT.

REPLACED BY — ACT. WT.

SCALE 12"-1'-0"

± 1/32

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
-6	Y-12-A33T x 6												
-0	Y-12-A33T x 5 7/16												

PARTS LIST PER ASSY.

AC		3-10-42	3-16-42					E.B
NAVY NONE	Z-P	Steven	Pasco		TATE			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME CHANNEL - CONT. - FOLLOW UP CABLE PULLEY BRACKET

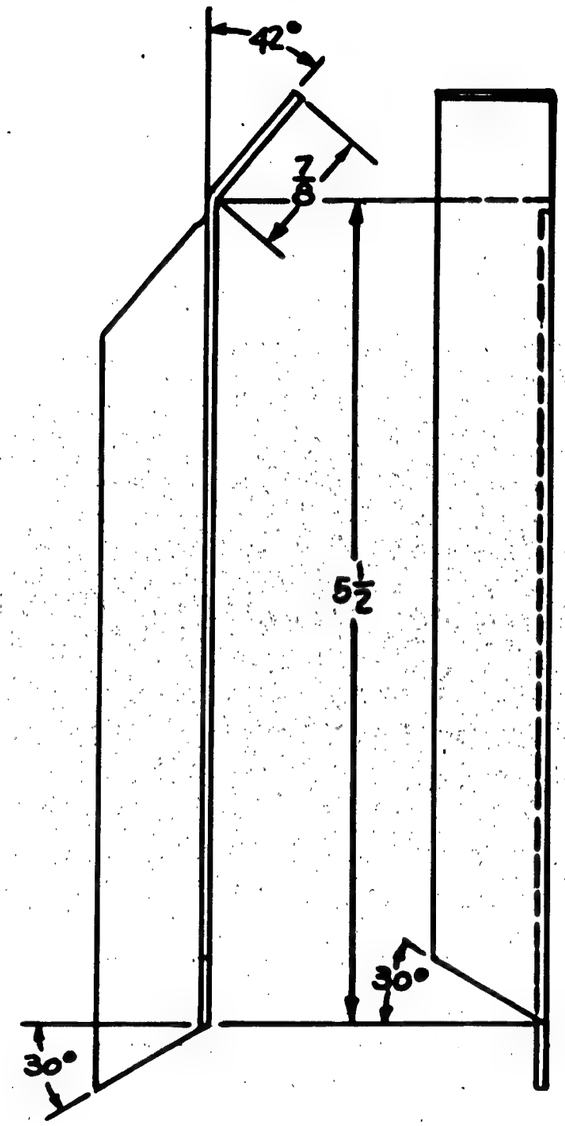
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28C5773

R 3-27-42 LL

LET	ALTERATION	DATE	BY



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

RUSH RELEASED 3-21-42

RUSH REL. 3-21-42

CONT #91876
CONT. #80476
SHIP #1 ON

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28C5560	1
	PBY-6	28C5560	1
	PBY-5A	28C5560	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. .06

REPLACED BY — ACT. WT.

LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-0	K-5401 x 7	AL.AL.EXT.	4618 COND T										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		3-10-42	3-16-42					
NAVY NOTED	Z-P	Stanley	Pasco		TATE			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG.	

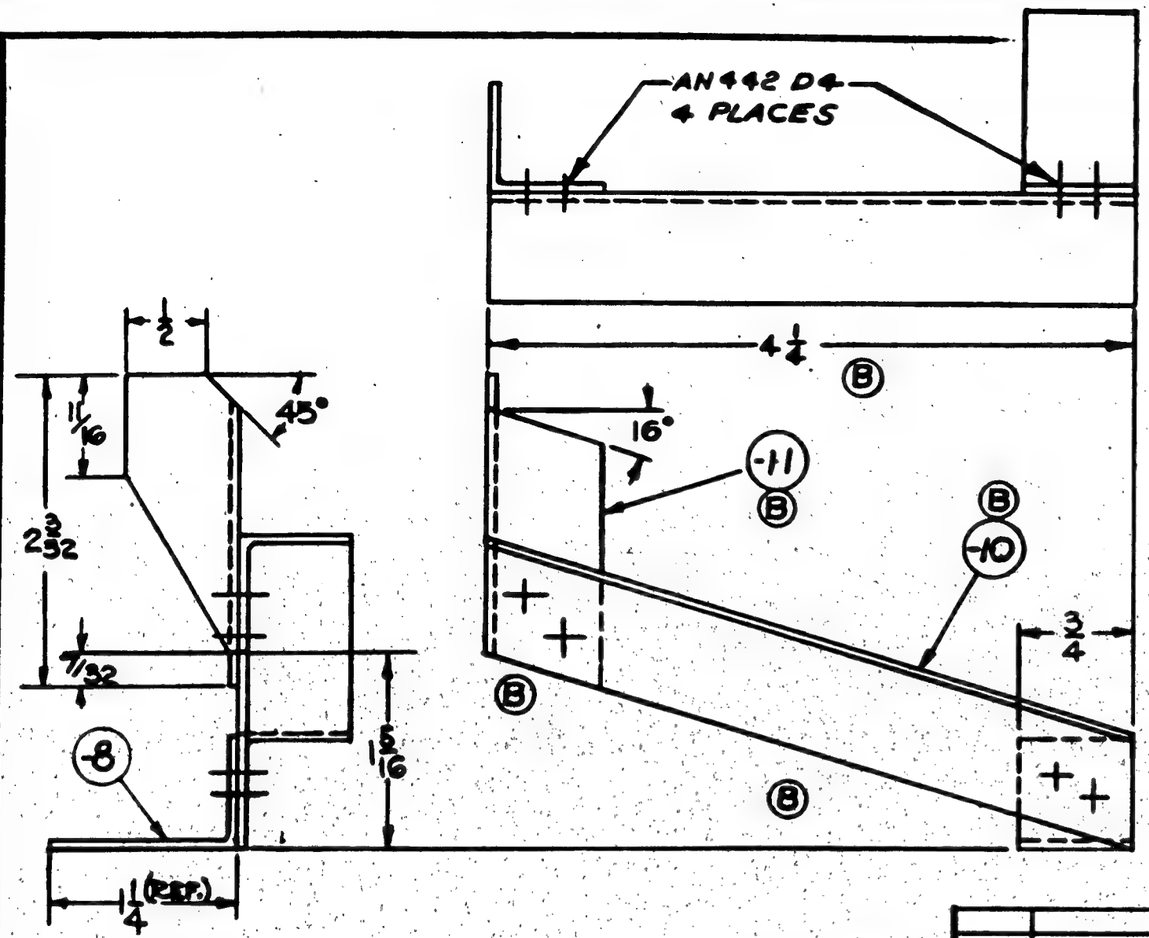
NAME STRUT-CONT.-FOLLOW UP CABLE PULLEY BRACKET

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

DWG. B SIZE 28C5774

R



E.O. # A 32021

LET	ALTERATION	DATE	BY
A	ON FACE REMOVED 16° DIM. IN TWO PLACES. 4 PT 176 DIM. & MOVED 4 PT DIM. IN B/M-10, K5401		
	REPLACED-6, K78J & -11, K5401		
	REPLACED-7, K78J. NO MT CMG.	4-28-42	ESTEP

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

RUSH RELEASED 3-21-42

CONT. # 91876
CONT # 88476
SHIP # 1 F.O.N

RUSH RELEASED 3-21-42

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28C5880	1
	PBY 5	28C5360	1
	PBY5A	28C5560	1

REQUIREMENTS PER AIRPLANE

REPLACES: -10 CALC. WT.

REPLACED BY: ACT. WT.

LIMIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± .030 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

AN442-D4

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-8	K1360 X 1	AL. AL. EXT.	46A9 COND. T	1									
-11	K5401 X 2 3/8	AL. AL. EXT.	46A9 COND. T	1									
-10	K5401 X 5	AL. AL. EXT.	46A9 COND. T	1									

AC		3-10-42	3-16-42	Yoke		Rob't Mitchell	
NAVY NONE	Z-P	STEVEN	PASTO				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRACE-CONT.-FOLLOW UP CABLE PULLEY BRACKET

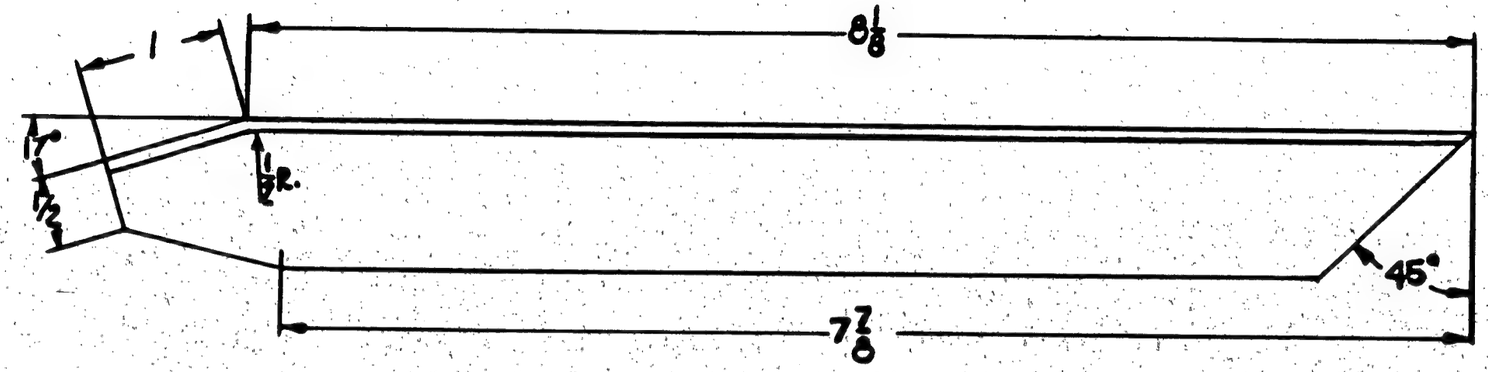
OPP. HAND

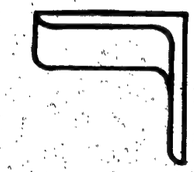
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — 28C5775

R 3-27-42 LL

LET	ALTERATION	DATE	BY





FINISH—
Z-ANODIZE
P-P27 PRIMER

-R	PBY-5B	28C6014	1
-L	PBY-5B	28C6014	1
ASSY DASH NO	MODEL	NEXT ASSY.	QTY

REQUIREMENTS PER AIRPLANE

REPLACES .157 lb CALC. WT.

REPLACED BY ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 | SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-R	K7BF X .914	ALCLAD 24ST ALAS CONDT		1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		11-27-41	R-4-41		R5R		Kle	
NAVY NONE	Z-P	Stevens	Manos				2 2 42	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT		APPROV	ENG.

NAME STRUT - CONTROLS - STA 5.0 UPPER AILERON PULLEY BR'KT.

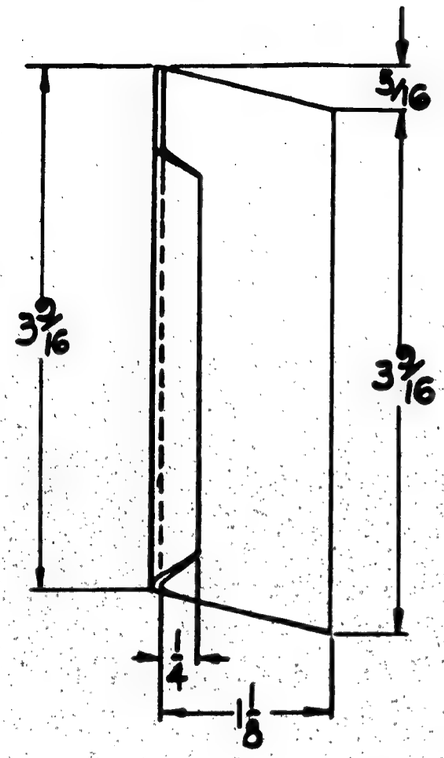
OPP. HAND 28C6020-R

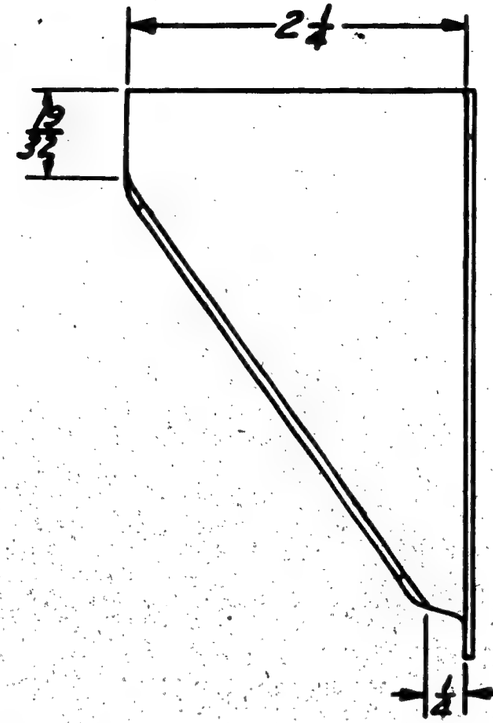
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28C6020

R

LET	ALTERATION	DATE	BY





BEND RADIUS = 1/8

FINISH-ANODIZE
P-27 PRIMER

CONT. (31876) SHIP 4 ea

ASSY. BASH NO	MODEL	NEXT ASSY.	QUAN.
-R	PBY-5	28C6014	1
-L	PBY-5	28C6014	1
-R	PBY-5B	28C6014	1
-L	PBY-5B	28C6014	1

REQUIREMENTS PER AIRPLANE

REPLACES 28C084-7&-8 — 042 BASIC WT.

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.064 x 3 3/16 x 4	ALCLAD 24ST	4/AB CON.T										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		11-21-41	12-4-41				
NAVY NONE	Z-P	Steven					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG.

NAME GUSSET - CONTROLS - BULKHEAD 50 UPPER AILERON PULLEY BRACKET.

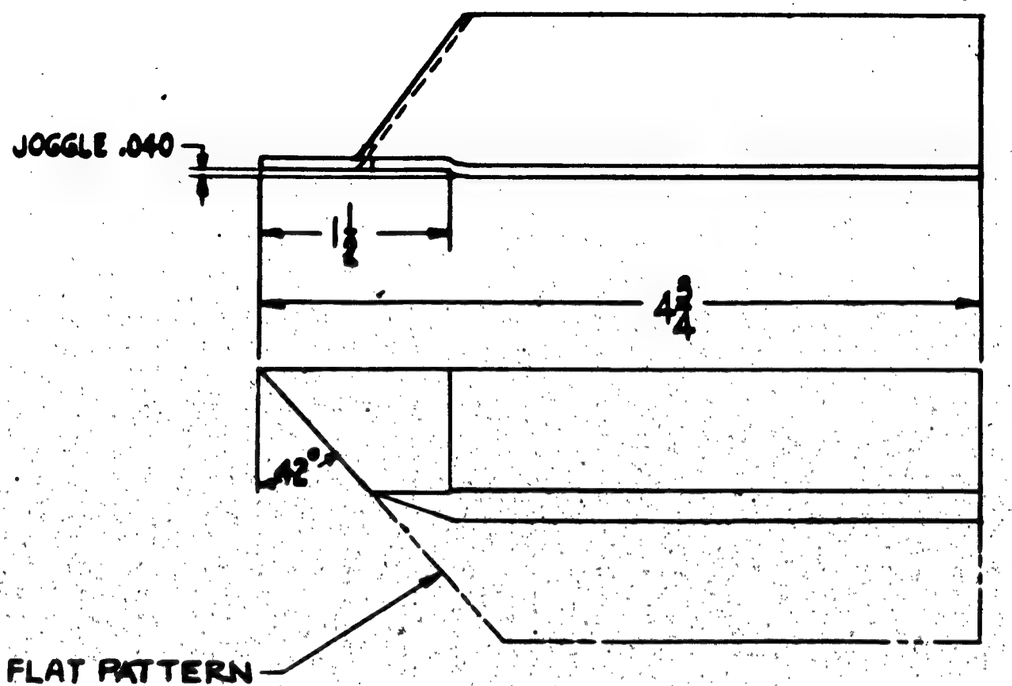
OPP. HAND 28C6021-R

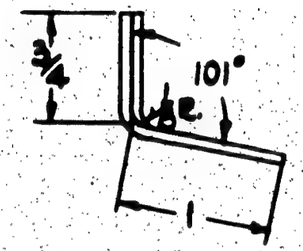
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28C6021

R

LET	ALTERATION	DATE	BY





FINISH CODE

Z	ANOD C TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

HULL ASS (All Ships Cont 800767)
All Ships Cont 800767

ASSY DASH NO	MODEL	NEXT ASSY.	QUAN
	28-SAAN	28C5542	
	PBY-5A	PAC 543	

REQUIREMENTS PER AIRPLANE

REPLACES	.05 CALC. WT.
28C5769-15	
REPLACED BY	ASY. WT.

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.	.032 R 1½ x 4¾	ALCLAD 2450	47A8.CNDA	-0		-2		-3		-4	

AC		11-27-41	1-15-42	GERBER/HALLIDAY			
NAVY 52S5	Z-P	Steven	PASCO		1-21-42	1-21-42	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME CLIP - CONTROLS - STA. 5.0 PULLEY BRACKET AFT.

OPP. HAND 28C6024-R

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B

28C6023

R

LET	ALTERATION	DATE	BY
A	CH ANGLY ST. WAS CORR RES ST. CAD PLATE WAS Z-P	2-10-42	PASCO
B	"O" DRILL (.316) WAS .313 DIA. (NO WT. CHG.)	2-25-42	[illegible]
C	FOR PBZY-3, "2 & ON WAS "2 THRU (NO. NO WT. CHG.	3-13-42	CANCELLATION

LOCATION 22

PBZY-3	29C3136-4	2	
PBZY-3	29C3136-3	2	
PBZY-3	29C3139-2	2	
PBZY-3	29C3139-1	2	
PBZY-3	29C3136-1	2	
YB-32	33C0001	20	
YB-32	33C001	20	
PBY-5B	28C5017	6	
PBY-5B	28C5510	4	
PBY-5B	28C6018	2	
PBY-5B	28C5512	2	
PBY-5B	28C2086	2	
28-5AMN	28C5017	6	
28-5AMN	28C5510	4	
28-5AMN	28C5018	2	
28-5AMN	28C5512	2	
28-5AMN	28C2086	2	
PBY-5A	28C5017	6	
PBY-5A	28C5510	4	
PBY-5A	28C6018	2	
PBY-5A	28C5512	2	
PBY-5A	28C2086	2	
PBY-5	28C5017	6	
PBY-5	28C5510	4	
PBY-5	28C6018	2	
PBY-5	28C5512	2	
PBY-5	28C2086	2	

*2-10

CONT. ON 28C76 FON

CONT. ON 28C76 FON

ASSY. BASIC No.	MODEL	NEXT ASSY.	QUA.

REQUIREMENTS PER AIRPLANE

REPLACES — .07# GASO. WT.

REPLACED BY ASY. WT.

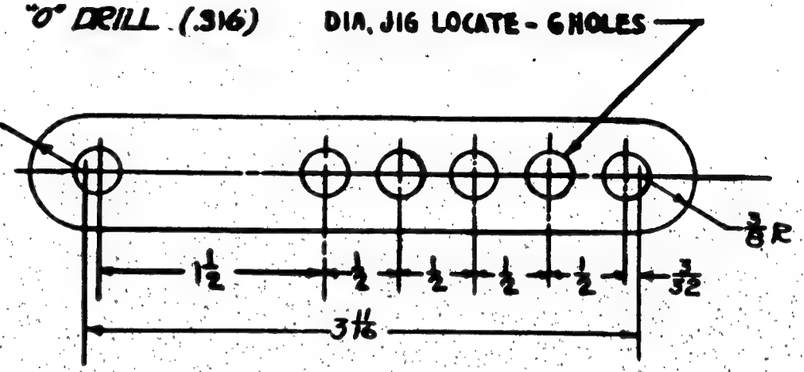
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

Ⓑ

"O" DRILL (.316) DIA. JIG LOCATE - 6 HOLES



RUSH RELEASED 1-13-42

PART NO.	STOCK	MATERIAL	SPEC	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.128 x 1/2 x 4 5/8	CHROME MOLY STEEL	AN-QQ-S-685										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC 1.1 = 150,000 — NAVY 100,000 P.S.I.	Ⓐ CAD. PLATE	12-29-41		GERBER		BROWN-DB
HEAT TREAT	FINISH	DRAFT	CHECK STEVEN	STRUCT	MAT. EATON	APPROV 1-22-42 ENG. WALD

NAME LINK - CONTROLS - 3/16 CABLE - ADJUSTMENT

OPP. HAND

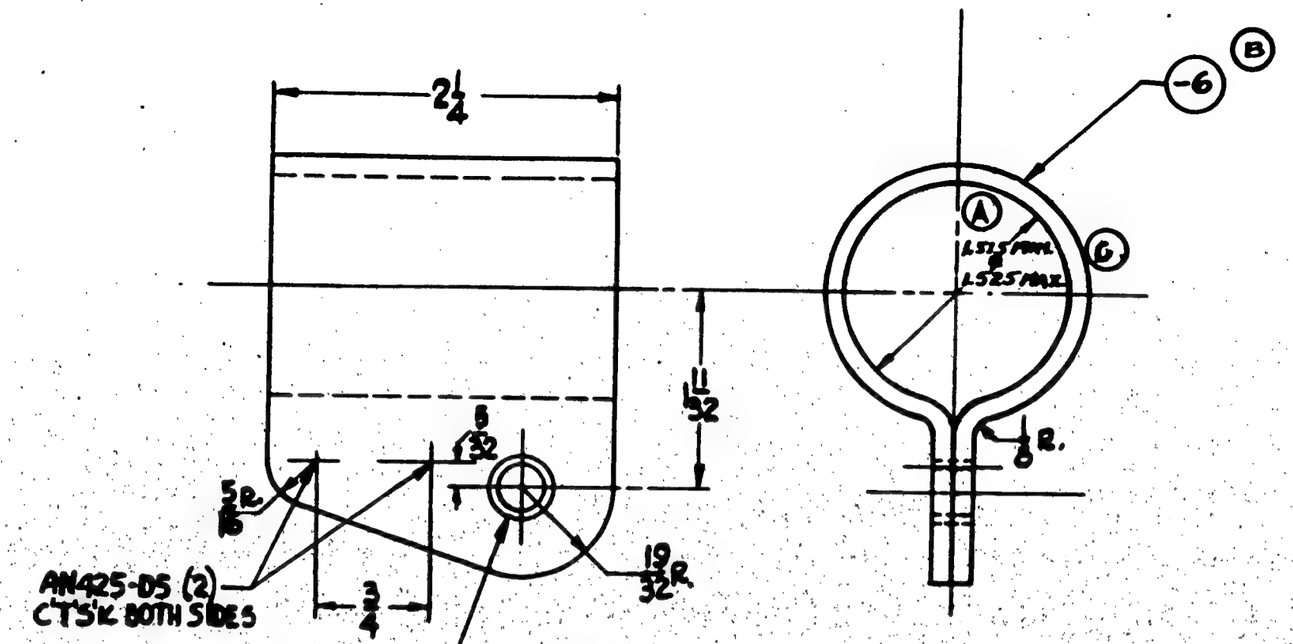
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B

28C6027

R

LET	ALTERATION	DATE	BY
A	1.525/1.508 D. WAS 1.512/1.505	1-27-42	STEVEN
B	ADDED -6 TO ALCLAD PART. NO WT. CHG.	5-16-42	Overman
C	TOL. 1.515 MIN & 1.525 MAX. WAS 1.525/1.508 D. WT. CHG. NEG.	6-2-42	Stevens



RUSH RELEASED 1-13-42

CONT.-88476
CONT.-81876

ASSY. DASH No.	MODEL	NEXT ASSY.	REQ
	28-3AMN	28C021	2
	P3Y-3B	28C021	1
	P3Y-3A	28C021	2
	P3Y-3	2AC021	2

REQUIREMENTS PER AIRPLANE

REPLACES — .16 Calc. Wt.

REPLACED BY — Act. Wt.

SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN425-D5													
QG00-10-8													
-6	.125 x 2 3/8 x 7 1/4	ALCLAD 2S0	47A8 COND A										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		12-4-41	1-7-42					
NAVY SR 53	Z-P	Steven	Pasco		RWS 1-22-42	1-21-42		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV.	ENG	

NAME CLAMP - CONTROLS - AILERON PUSH & PULL TUBE CABLE

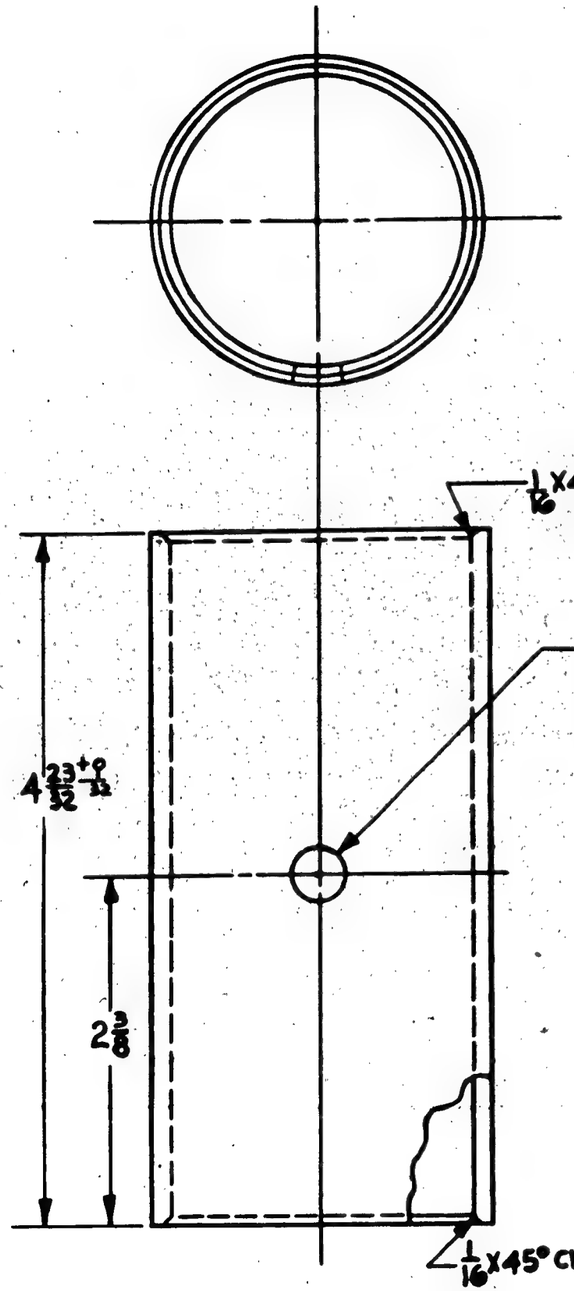
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28C6028

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

E.O. A 54518

LET	ALTERATION	DATE	BY
A	IN FINISH BLOCK ("NONE WAS "ZP"). NO WT. CHG.	8-11-42	[illegible]



RUSH RELEASED 3-27-42.

ASSY. EACH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5	28C6036	4
	PBY-5A	28C6036	4
	PBY-5B	28C6036	4
	28-5AHN	28C6036	4

REQUIREMENTS PER AIRPLANE

REPLACES — .18 CALC. WT.

REPLACED BY — ACT. WT.

CLASS OF DIMENSIONAL TOLERANCE UNLESS OTHERWISE SPECIFIED: ± 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	1/2 O.D. X .20 WALL X 5	AL ALLOY ST.	44T21(T)	1									

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC		DARTMAN	STEVENS	GERBER		GOODYEAR	ALDRED
NAVY NONE	NONE	3-27-42	3-27-42	COPENHAGEN	J.C.	4-20-42	MR VICKER
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME CONNECTOR TUBE - CONTROLS RUDDER PEDAL - LOWER BEARINGS

OPP. HAND

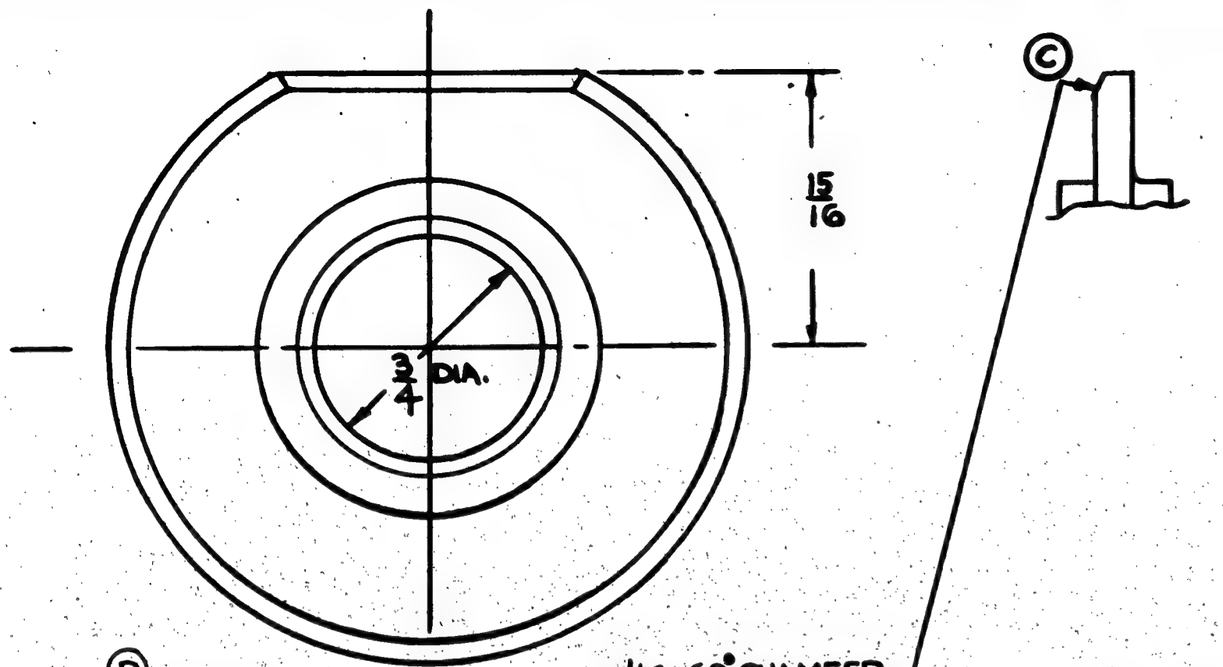
CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO, CALIF.

DWG. B SIZE — 28C6031

R

LET	ALTERATION	DATE	BY
▲	ADDED 1/16 x 60° CHAMFER AT OUTER EDGE	4-8-42	REED
B.	REMOVED PBY-5 & PBY-5B REQUIREMENTS	4-13-42	REED
C	ADDED 1/16 x 60° CHAMFER TO TRIMMED EDGE. (WT. CHG. NEG.)	6-3-42	BENTLEY
D	ADDED COUNTER BORE & DIMS. .8738, .8748, .250 ±.001 ADDED FINISH MARKS. WT. CHG. NEG.	6-23-42	DAOWN

28C6032



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

RUSH RELEASED 3-27-42

ASSY. DASH NO	MODEL	NEXT ASSY.	QTY.
	PBY-5A	28C6030	B
	CB-5AMN	28C6030	B

REQUIREMENTS PER AIRPLANE

REPLACES .045# CALC. WT.

REPLACED BY ACT. WT.

± 1/32 | SCALE 24" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	2 1/8 DIA X 1/2	AL AL BAR	46A9 CONT. T.	-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC		BARTMAN	STEVENS	GERBER	RONDONA	HILLARD
NAVY NONE	Z. P.	3-25-42	3/26/42	COPENHAGEN J.C. 3/20/42		M. VICK
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV. ENG

NAME RETAINER - CONTROLS - RUDDER PEDAL - UPPER BEARING

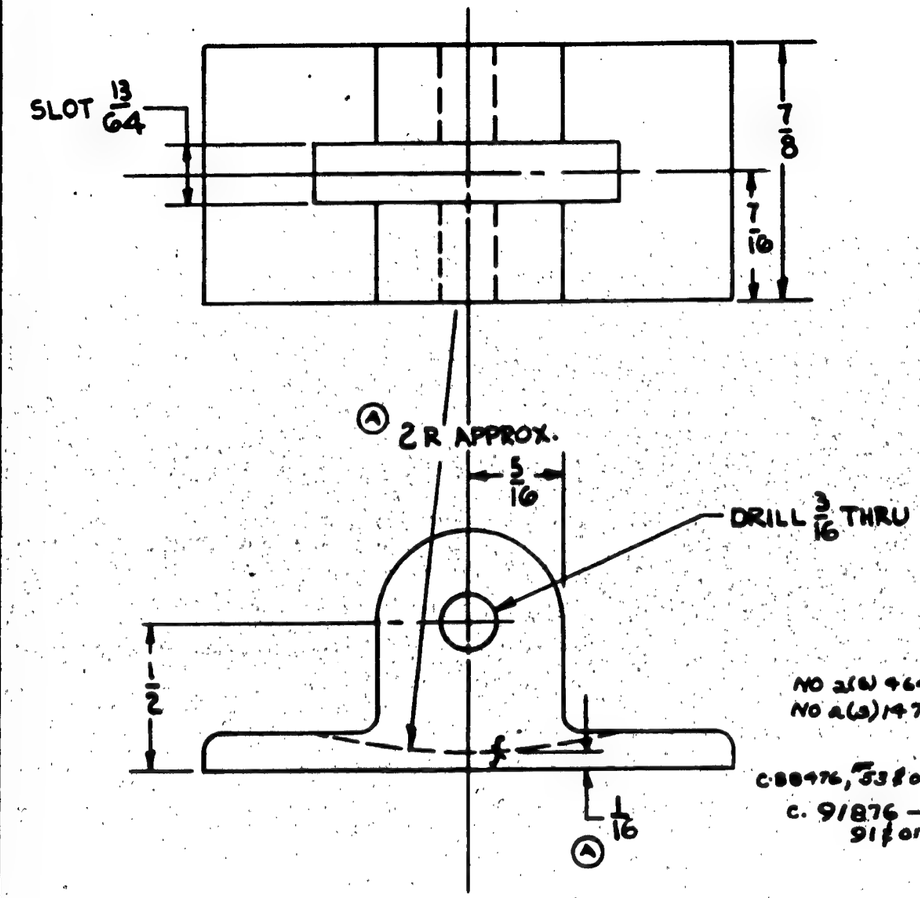
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B | 28C6032

R 4/20/42

LET	ALTERATION	DATE	BY
A	INCREASED 1/2 RADIUS TO	4-13-42	REED
	3 RADIUS AT SLOT ADDED Vig		
B	IN B/M REPLACED "K13681X1, AL		
	ALL EXTR., 46AB-T" WITH "FORGING		
	32W1297" NO WT. CHG	4-7-43	[illegible]
C	ADDED MAT NOTE TO FACE; A "NOTED"		
	TO MAT. & SPEC BLKS IN B/M. IN B/M		
	REPLACED IN STOCK BLK. "FORGING		
	82-W1297" WITH "NOTED" WT CHG NEG	7-19-43	[illegible]
D	ON FACE OF DWG. MATERIAL NOTE		
	WAS "(a) K13681X1, AL AL. EXTR,		
	SPEC. 46AB-T, OR (B)-FORGING		
	32W1297" AR-T. AIR/PROTS. TO		
	DATE. (NO WT CHG)	9-16-46	[illegible]



(D) MATERIAL NOTE
1.-MAT. MAY BE:
(A) K13681 x 1, 24ST AL. ALLOY EXTR., SPEC. QQ-A-354 COND. T, OR.
(B) K13681 X1, 14ST AL. ALLOY EXTR., SPEC. AN-A-8 COND. T, OR
(C) FORGING 32W1297.

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

RUSH RELEASED 3-27-42

NO 2(B) 464
NO 2(B) 1478
C-88476, 538 ON
C. 91876 → 918 ON

	XP4Y-1	31C129	4
	PBY-6A	28C6030	4
	PBY-6	28C6030	4
	28-SAMN	28C6030	4
	PBY-5B	28C6030	4
	PBY-5A	28C6030	4
	PBY-5	28C6030	4
ASSY. DASH NO.	MODEL	NEXT ASSY.	QUAN.

REQUIREMENTS PER AIRPLANE

REPLACES	.042# Calc. WT	
REPLACED BY	Act. WT.	
LIMIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ±	SCALE 24" = 1'-0"	

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-0	NOTED	NOTED	NOTED										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		BARTMANS	STEVENS	GERBER		GRONDONA	ALDRED
NAVY NONE	Z.P.	3-25-42	3-26-42	CONSOL. ENGRG.	J.C.	4-20-42	VICKERS
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV.	ENG.

NAME FULCRUM BRACKET-
CONTROLS-RUDDER PEDAL-TRIP LEVER

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

DWG. B SIZE 28C6033

28C6033

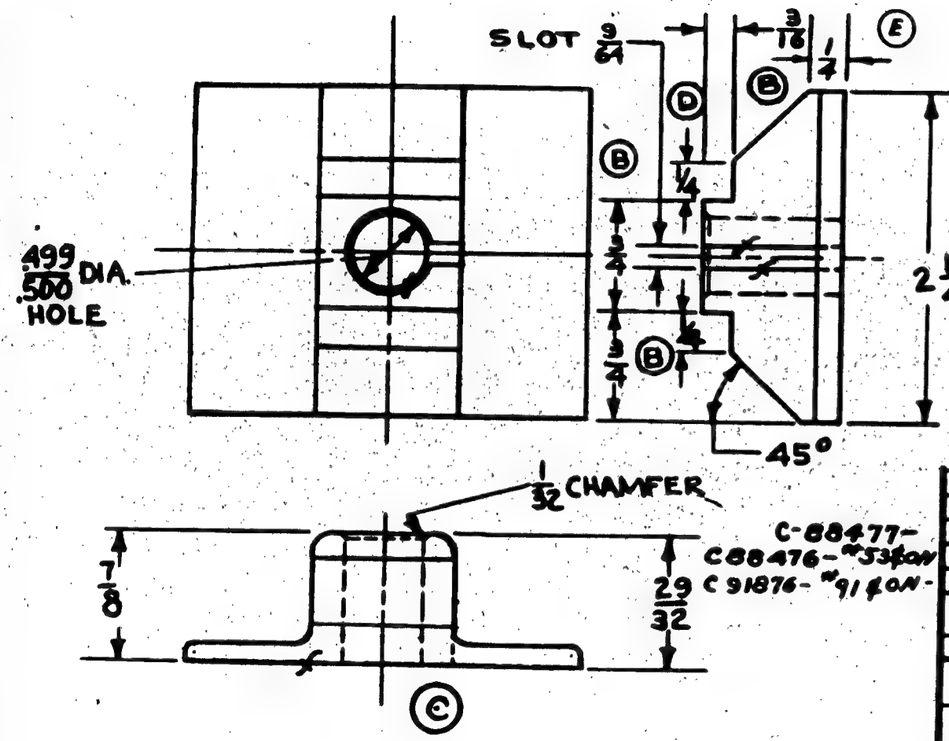
R

LET	ALTERATION	DATE	BY
A	REMOVED 4 #10 HOLES & LOCATING DWG.	4-14-42	PASCO
B	1/4 CENTER DIM. WAS 15/16, 1/4 OUTER DIM. WAS 5/8. ADDED 3/16 CUT OUT. NEG. WT. CHG.	6-20-42	MOSS
C	ON FACE OF DWG. EXTENDED 9/64 SLOT THRU BASE FORMERLY EXTENDED TO TOP OF BASE. WT. CHG. NEG.	7-11-42	FUNK
D	ADDED 1/4 DIM (6 PLACES) NO WT. CHG.	7-23-42	MARSH
E	ADDED DIM 1/4. NO WT. CHG.	10-9-42	ROBERTS
F	IN B/M REPLACED "NEL 28785 X 2 3/8 AL. AL. EXT., 46AD COND. T" WITH "NOTED" ON FACE OF DWG. ADDED MAT'L. NOTE "1". NO WT. CHG.	9-16-42	MARSH

E.O. A44033

E.O. A46215

E.O. A48746



(F)

NOTES:

1.- MATERIAL MAY BE:

(A) L28785 X 2 3/8, 24ST AL. ALLOY EXTR., SPEC. QQ-A-354 COND. T, OR

(B) L28785 X 2 3/8, 14ST AL. ALLOY EXTR., SPEC. AN-A-8 COND. T.

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

RUSH RELEASED 3-27-42.

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	28-SAMN	28C6030	4
	P8Y-5B	28C6030	4
	P8Y-5A	28C6030	4
	P8Y-5	28C6030	4

REQUIREMENTS PER AIRPLANE

REPLACES 202* CALC. WT.

REPLACED BY ADV. WT.

LIGHT ON UNDERSIDE WHEN DRAWN TO SCALE 1/32 | SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.	NOTED	NOTED	NOTED	-0		-2		-3		-4		-5	

A.C.		DRAFTING	STEVEN	GERBER		GRON-DONA	ALDRED
NAVY NONE	Z. P.	3-25-42	3-26-42	COPEN-HAGEN	J.C.	4-16-42	H.L. VICKER
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME LUG — CONTROLS — RUDDER PEDAL QUADRANT DRIVE

OPP. HAND

DWG. B | 28C6035

SIZE

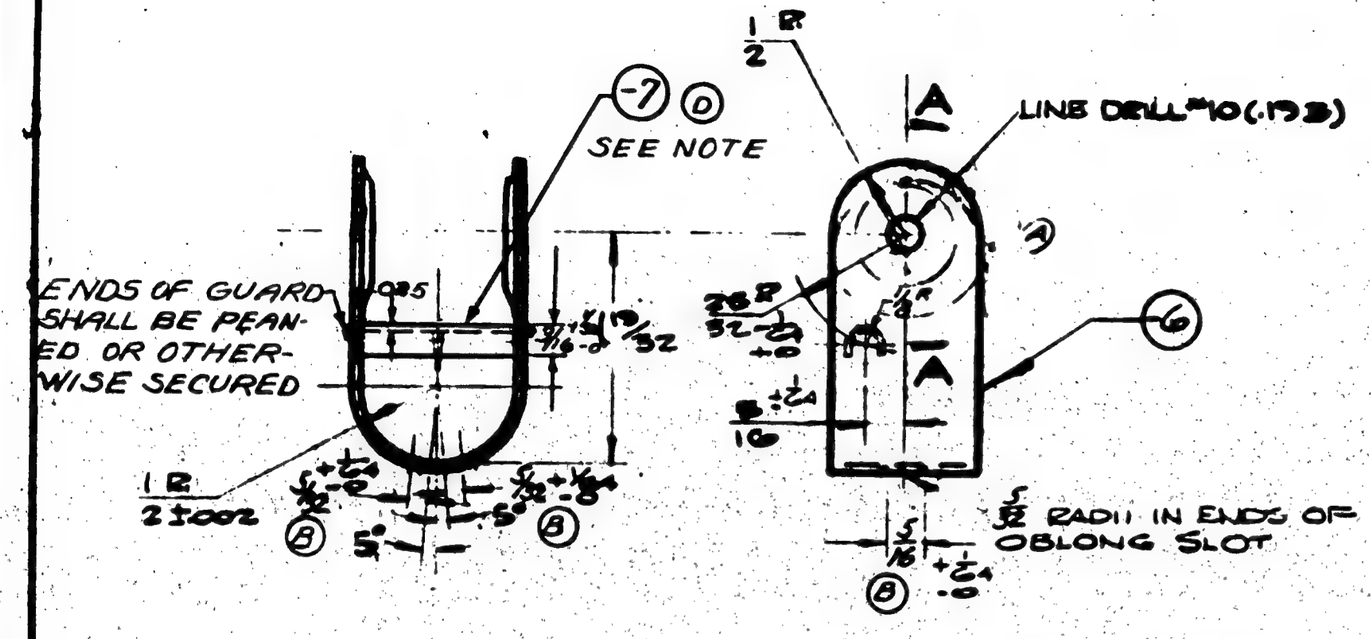
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

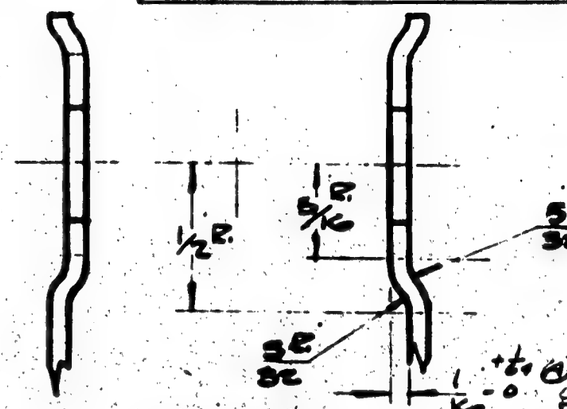
28C6035

R

LET	ALTERATION	DATE	BY
A	OUTLINE REVISED, "E" & "D" ADDED	7/10/41	TAP
B	5/32 WAS 1/8, 5/16 WAS 1/4	7/31/41	Lawrence
C	STRAP C'BORED — (6) & ADDED	7/21/41	Powell
	QQ08D4-8E & AN442AD4		
D	REMOVED FROM DWG Q908		
	0-4-32 AN442-AD4		
	ADDED -7 PART		
	ADDED SPACER NOTE		
E	ADDED NOTE FOR PB2Y-3	4-14-42	RANDALL
F	IN NAVY FINISH BLK. "E-A GP" WAS "E-P-AL" WT. CHG. NEG.	4-11-42	HULL

GOODYEAR F.O. 4807





SEC. A-A
SCALE: 3" = 1'-0"

GP- GREEN ENAMEL

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

(E)
NOTE:
FOR PB2Y-3 ONLY: A QQ808-16-32 SPACER, AN3DD-14A BOLT, AC 365-D 1032 NUT, & AN960-AL10 WASHER MAY BE SUBSTITUTED FOR -7.

(D)
NOTE: A .128 +.005 -.000 I.D BY 1/4 OD x 1 LONG SPACER WITH AN442-AD4 RIVET MAY BE SUBSTITUTED FOR -7

ASSY. DASH No.	MODEL	NEXT ASSY.	QTY.
	Q4011		1
	STR'P B.H. Q" STANDARD		

REQUIREMENTS PER AIRPLANE

REPLACES ____ 026 SALE. WT.

REPLACED BY ____ ASY. WT.

SCALE 12" = 1'-0"

± 1/32 8 1/2" NOTED

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-7	.085 x 5/32 x 1 1/4	ALCLAD 24ST	47A8T	1		1							
	.064 1 1/2 x 4 1/2	ALCLAD 24ST	47A8T 1100-T II										
			47A8T	1									

AC	CAT. 25-32-001	0-A-4	
NAVY	Z-P-GP	REV. 0000	R W
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / MAT. / APPROV. / ENG.

NAME STRAP-CONTROLS - 1 1/4 DOUBLE UNIV. BRKT

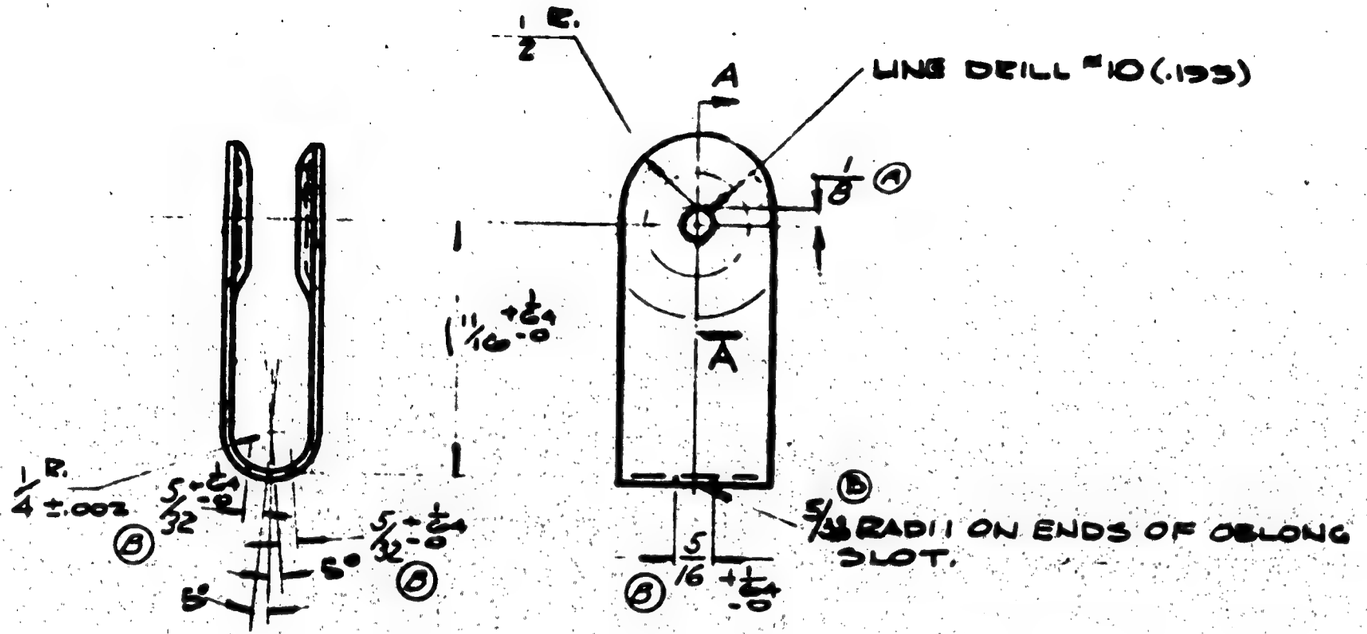
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 32C3046

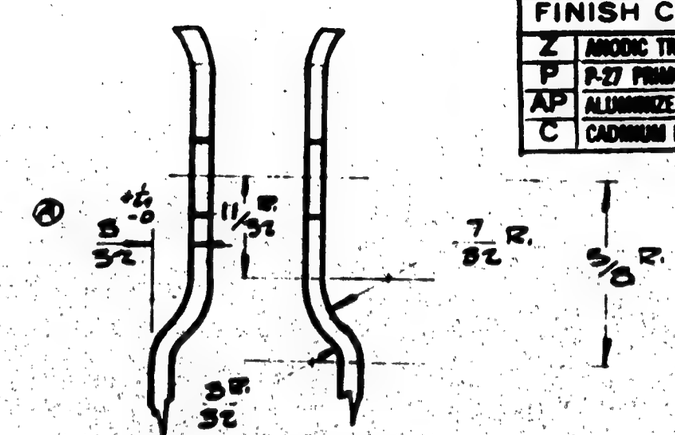
R W

LET	ALTERATION	DATE	BY
A	OUTLINE REVISED. +1/4-0 ADDED	7-11-41	[illegible]
B	3/32 WAS 1/8, 3/16 WAS 1/4, 3/32 R. WAS 1/8 R.	7-11-41	[illegible]
C	Z-P-GP WAS Z-P-AL. NO WT. CH.	9-11-41	[illegible]



G.P. GREEN PRIME

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE



SEC. A-A
SCALE 12"=1'-0"

	PBY-5A	SEE BM.	
	PBZY-3	Q4002	1
	SEE BuMi		
	Q" STANDARD		
ASSY. DASH No.	MODEL	NEXT ASSY.	QTY.

REQUIREMENTS PER AIRPLANE

REPLACES 024 SHLA WY.

REPLACED BY ASY. WY.

LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±1/64 ±1°

SCALE 12" = 1'-0

FULL SIZE

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	6.0004		11007 I										
		ALCLAD 2450	47AB A										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC 78-1002C	ZP-GP	6-21-41	Tenney	Miller	Norris	[illegible]	1-3-41
NAVY 28-53	ZP-GP						
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG

NAME STRAP-CONTROLS-2½ SINGLE UNIV. BRKT

OPP. HAND —

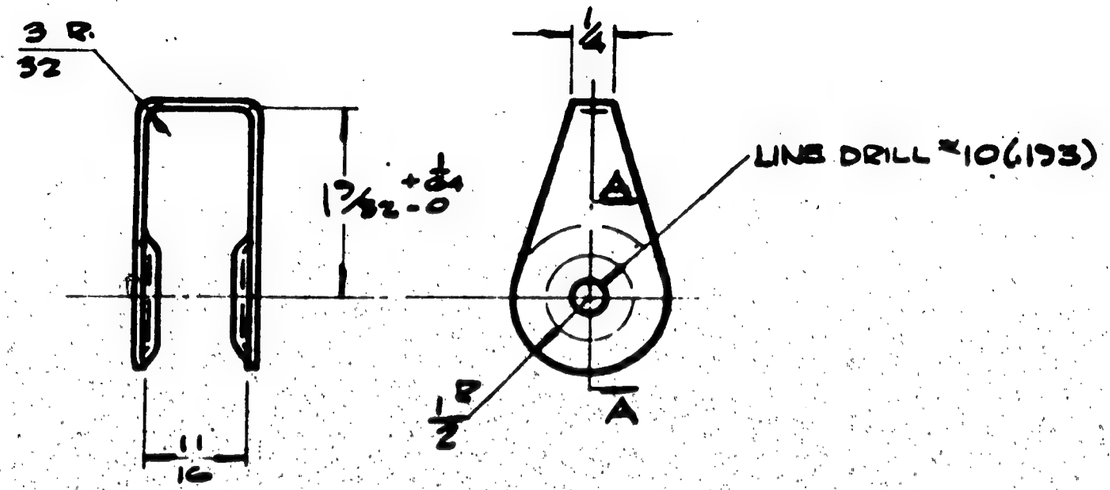
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

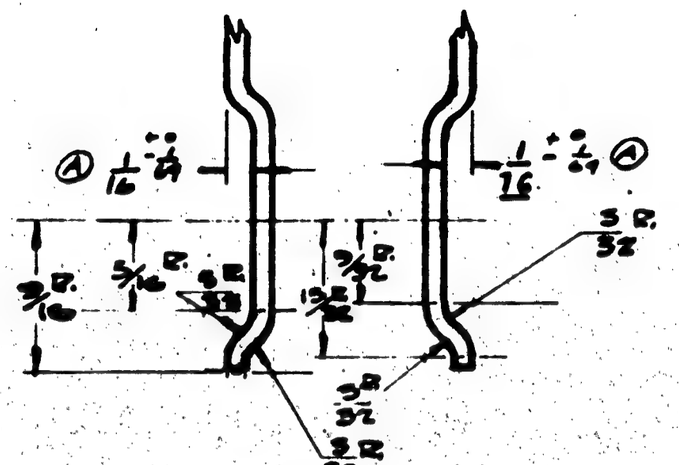
SIZE B

32C3051

R VV

LET	ALTERATION	DATE	BY
A	1/16 R. WAS 3/32 R.	4/24/43	TMP
B	E-P-GP WAS E P-AL WT. CHG. NEG.	5-11-43	BEN LINK





SEC. A-A
SCALE: 24" = 1'-0"

GP-GREEN PRIME

FINIS.	
Z	ANODIC TR.
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

OUTLINE CORNER RADII 1/4.
(IN FLAT PATTERN)

ASSY. BASH NO.	MODEL	NEXT ASSY.	QTY.

REQUIREMENTS PER AIRPLANE

REPLACES — QTY.

REPLACED BY — ASSY. QTY.

SCALE 12" = 1'-0"

± 1/32 DEC. UNLESS NOTED

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.064 x 1 1/4 x 1 3/8	2ALCLAD 2450	1100-T 4 QQ-A-287	-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC 30-10036	C.A.C. ZI-32-C.I.	10-21-43	Tommy	Kirk	GF				
NAVY 52-53	Z-P-GP	KRELSON	NCL						
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.		

NAME GUARD-CONTROLS-
2 1/2 SINGLE-UNIV. BRKT

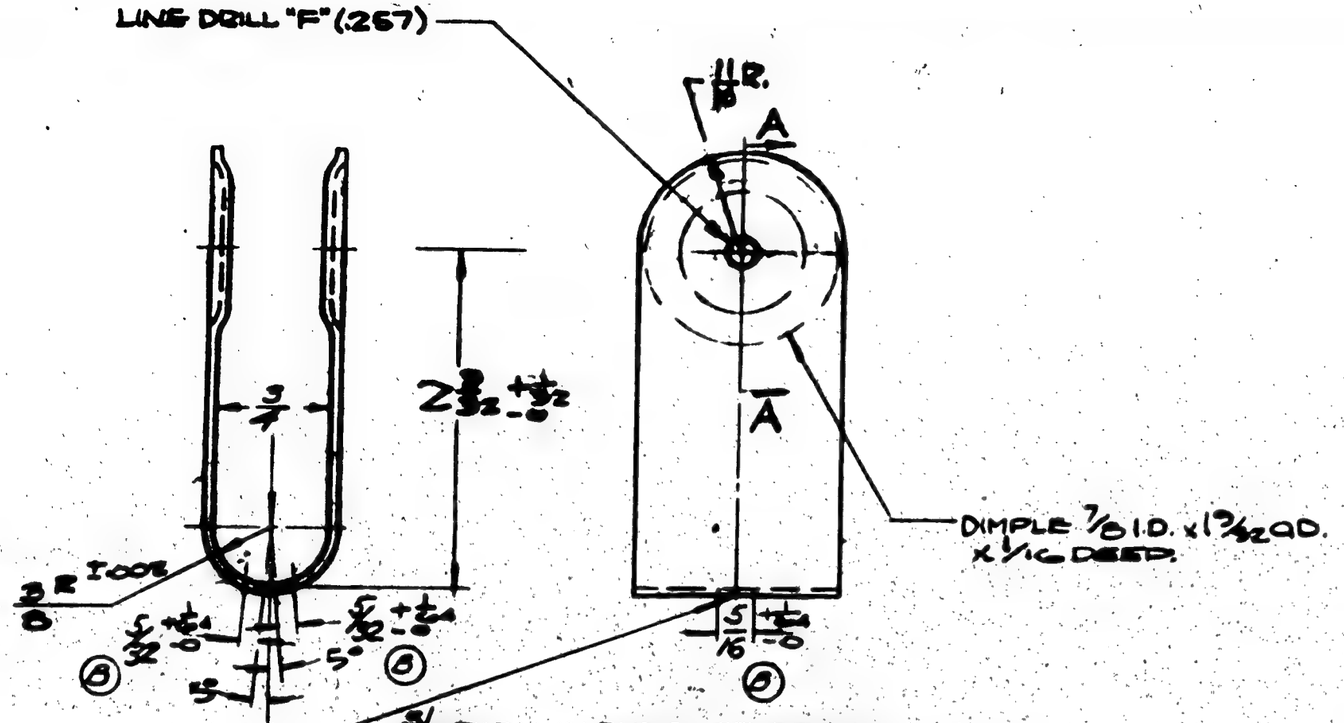
OPP. HAND —

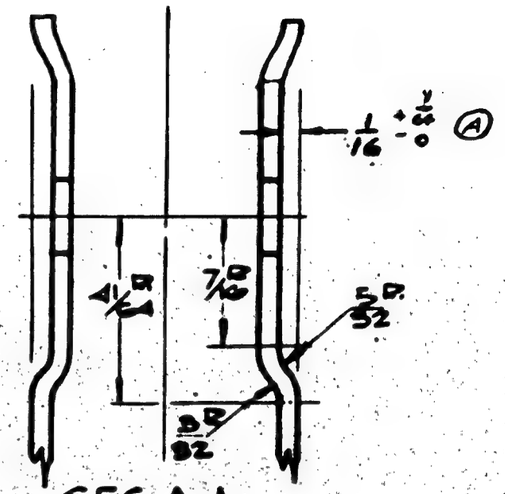
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE

32C3058

LET	ALTERATION	DATE	BY
A	OUTLINE REVISED ±.0 ADDED	[illegible]	[illegible]
B	R2 WAS 1/8 R. R3 WAS 3/32 R. R4 WAS 1/8 R.	[illegible]	[illegible]
C	Z-P-QP FINISH WAS Z-P-AL		
	NO WT. CHG.	5-11-43	KELLY





SEC A-A
SCALE: 2" = 1'-0"

GP GREEN PRIME FINISH CODE

Z	ANOD[illegible]
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLA[illegible]

PBY-5A	SEE B/M		
	94004		
SEE B.M.			
"Q" STANDARD.			
MODEL	NEXT ASSY.		
REPLACED		Orig. Iss.	
REPLACED BY		Appr. Iss.	
SCALE 2" = 1'-0"			
STAMP PART NUMBERS WHERE SHOWN			

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
1064		ALCLAD 2450	11067 I 7178 A										

AC 7-1004	SAC TF-31-001	6-28-40	Tracing	[illegible]	[illegible]	[illegible]	[illegible]
NAVY 60193	ZrP-QP	[illegible]	[illegible]	[illegible]	12-30-46	KMP	[illegible]
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	INS.

NAME STRAP - CONTROLS - 3½" UNIVERSAL BRKT

OPP. HAND —

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE

32C3055

LET	ALTERATION	DATE	BY

	YB-32	33C351-7	5
	XB-32	33C351-7	5
	YB-32	33C351-6	6
	XB-32	33C351-6	6
	YB-32	33C345-8	1
	XB-32	33C345-8	1
	YB-32	33C345-7	13
	XB-32	33C345-7	13
	YB-32	33C345-6	10
	XB-32	33C345-6	10

ASSY DASH NO	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

REPLACES .006 CALC WT

REPLACED BY ACT WT

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED 1/64 | SCALE 12" = 1'-0

STAMP PART NUMBER WHERE SHOWN

-- SPLIT ON D.C. 1/32 x 45° CHAMFER

A -

A - 1/32 x 45° CHAMFER

VIEW A-A

PART NO	STOCK	MATERIAL	SPEC	LH REQ	RH REQ	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ	RH REQ	LH REQ.	RH REQ.
		1/2 x 1 1/4	PHENOLIC ASBESTOS FABRIC										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC —	—							
NAVY		3-31-42	3-31-42		FEB			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG	

NAME FAIRLEAD - [illegible] - 9, 5/32 & 3/16 CABLE POSITIONING

OPP. HAND NONE

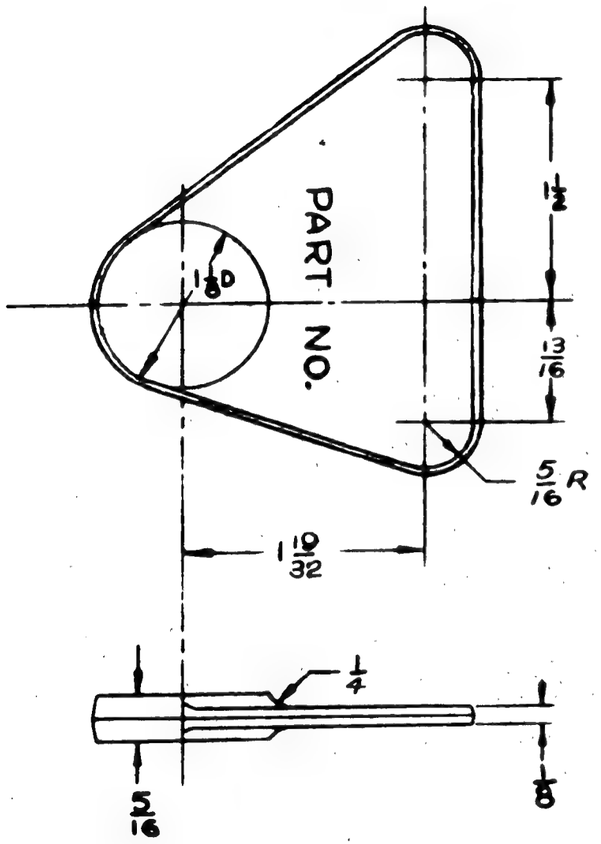
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF

DWG. B 33C1048

SIZE

LET	ALTERATION	DATE	BY
N	TRACED NO WT. CHG.	9-6-39	[illegible]

28D1022



1-1822
765-1822
765-1819
1-764

	PBY-5,5A,5B	32D030	4 EA
	PBY-5BA,5B	28D1023	28 EA
	28-5M,5MC,5A	32D030	4 EA
	28-5M,5MC,5A	28D1023	28 EA
	L8,30	32D030	8
	L8,30	28D1023	56
	B24D	32D1026	24
	B24D	32D1164	8
	B24D	28D1023	48
	B24D	28D1025	56
	B24C	32D1026	24
	B24C	28D1023	56
	B24, B24A	32D030	8 EA
	B24, B24A	28D1023	32 EA
	28-5MC	32D030	4
	28-5MC	28D1023	28
	PB2Y-3	28D1023	24
	28-5MC, 5AM	28D030	4 EA
	28-5MC, 5AM	28D1023	28 EA
	XB24B	32D1026	24
	XB24	32D030	8
	XB24B	28D1023	56
	XB24	28D1023	32
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES 28D1022 10-20-36	.086 ORIG. WT.
REPLACED BY	ADV. WT.
UNLESS OTHERWISE SPECIFIED ± 1/32 - 1/64	SCALE 12" = 1'-0"
STAMP PART NUMBER WHERE SHOWN	

PART NO.	FORGING STOCK	AL ALLOY MATERIAL	NOTED SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC 43,000 #/SQ IN.	NONE	12-6-35	J.P.S.			Watts	
NAVY 43,000 #/SQ IN.	NONE	F.W.F. 10-27-36					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG

NAME FORGING - SUPPORT ENG. RING COWL - NOSE - P.P.

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE

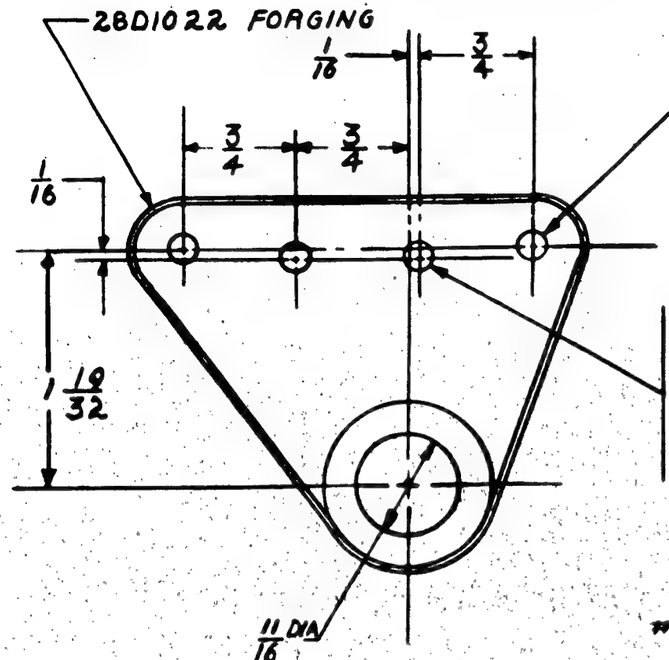
28D1022

NOTE:
ARMY SPEC - QQ-A-367-GR-3
NAVY SPEC - 46 AT - GR-3

R

LET	ALTERATION	DATE	BY
N	TRACED NO WT. CHG.	9-11-35	CAST

28D1032



DRILL #20(.161) DIA. 4 PLACES

NOTE: OMIT THIS HOLE ON ALL PARTS TO BE USED FOR SPARES. TO BE DRILLED ON ASS'Y IN FIELD.

#1-764

#765-1822

	B24D	32D2005	56
	28-3 AN (AM N	32D2005	28LA
	28-3 NC (M N	32D2005	28LC
	28-3 NAS MC	32D2005	28LA
	LB30	32D2005	56
	B240	32D2011	48
	XB24B	32D2005	56
	B24A	32D005	32
	B24C	32D2005	56
	PB2Y3	29D3105	24
	PB2Y-2	29D1006	24
	PBY-5-5A-B	32D005	28LA
	XB24, B24	32D005	32LA
	XPB2Y-1	28D1028	
	PBY-1-2-3-4	28D1028	

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ

REQUIREMENTS PER AIRPLANE

REPLACES 28D1023 10/20/36 .074 GALS. WT.

REPLACED BY ADV. WT.

UNLESS OTHERWISE SPECIFIED ±1/32 | SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

MAKE FROM 28D1022 FORGING

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
PARTS LIST PER ASSY.													

AC		F.W.F.	J.B.S.	WATTS		LOW.	
NAVY		12-6-35	12/29/36				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME SUPPORT ENG. RING COW'L-NOSE-P.P.

OPP. HAND

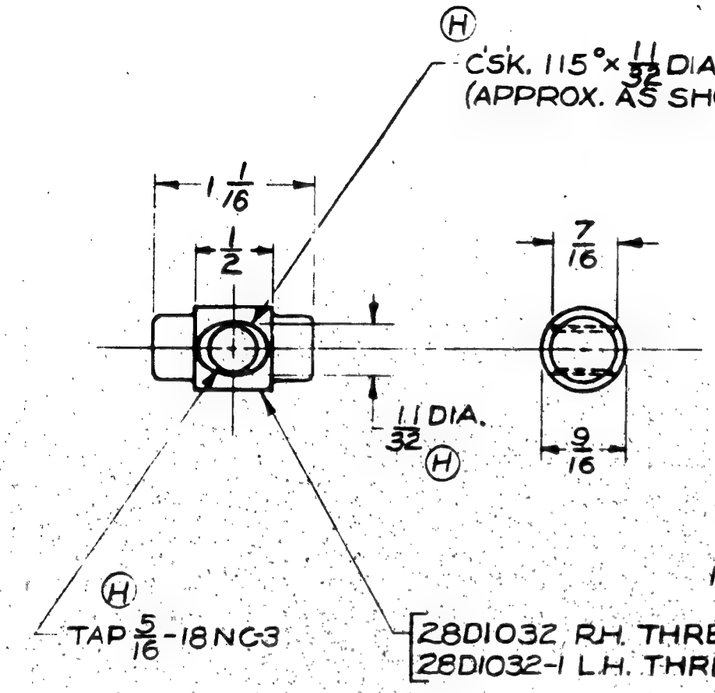
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28D1023

R

LET	ALTERATION	DATE	BY
H	DWG. REDRAWN, ADDED IN B/M.		
	N/A 28D1034 R&L REQ'MTS. FOR		
	B24-H&K. TO FACE OF DWG & ADDED DIM.		
	11/32, NOTE: "TAP 5/16-18NC-3"		
	& NOTE: "CSK. 115° x 11/32 DIA. (2 PLACES)		
	(APPROX. AS SHOWN), NO WT. CHG.	10/15/43	STEWART

28D1032



NOTE:
1. ALTERNATE MATL.: NE. 8735

(H)				
L/R	B24H&K	28D1034RH	16	
L/R	B24H&K	28D1034LH	16	
L/R	28-5ME	28D1034	4EA	
L/R	28-5MC	26D1034	4EA	
L/R	28-5MA	28D1034	4EA	
L/R	B24E	28D1034RH	16	
L/R	B24E	28D1034LH	16	
L/R	B24A&LB-30	28D1034RH	8	
L/R	B24A&LB-30	28D1034LH	8	
L/R	PBY-5A-5&-5C	28D1034	4	
L/R	PBY-5A-5&-5B	28D1034	4	
L/R	B24C&D	28D1034RH	16	
L/R	B24C&D	28D1034LH	16	
L/R	XB24, B24	28D1034-1	RH.8	
L/R	XB24, B24	28D1034	LH.8	
L/R	28-5AMC	28D1034	4	
L/R	28-5MN	28D1034	4	
-0	PBZY-3R	29B8105	1	
L	28-5AMN	28D1034	4	
R	28-5AMN	28D1034	4	
L/R	XPB2Y-4	28D1034	32	
-1	PBY-4	28D1034		
	PBY-4	28D1034		
-1	PBY-3	28D1034		
	PBY-3	28D1034		
-1	PBY-2	28D1034		
	PBY-2	28D1034		
-1	PBY-1	28D1034		
	PBY-1	28D1034		

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES 28D1032 - 10-2036 047 CALC. WT.

REPLACED BY ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

NOA(S)181

FINISH CODE

Z	ANODIC TREATMENT
P	AN-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	9/16 O.D. X .035	C.M. STL. ROD	AN-QQ-S-684 CAN'D 6-6										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC 105,000 TO 125,000 #/DIN	ZF-32-001	F.W.F.		Watts		L.C.W.
NAVY 105,000 TO 125,000 #/DIN.	CP	12/13/35	10-27-36			10-20-36
HEAT TREAT	FINISH	DRAFT	CHECK	MAT.		APPROV. ENG.

NAME TRUNNION
ENG. COWL - TURNBUCKLE

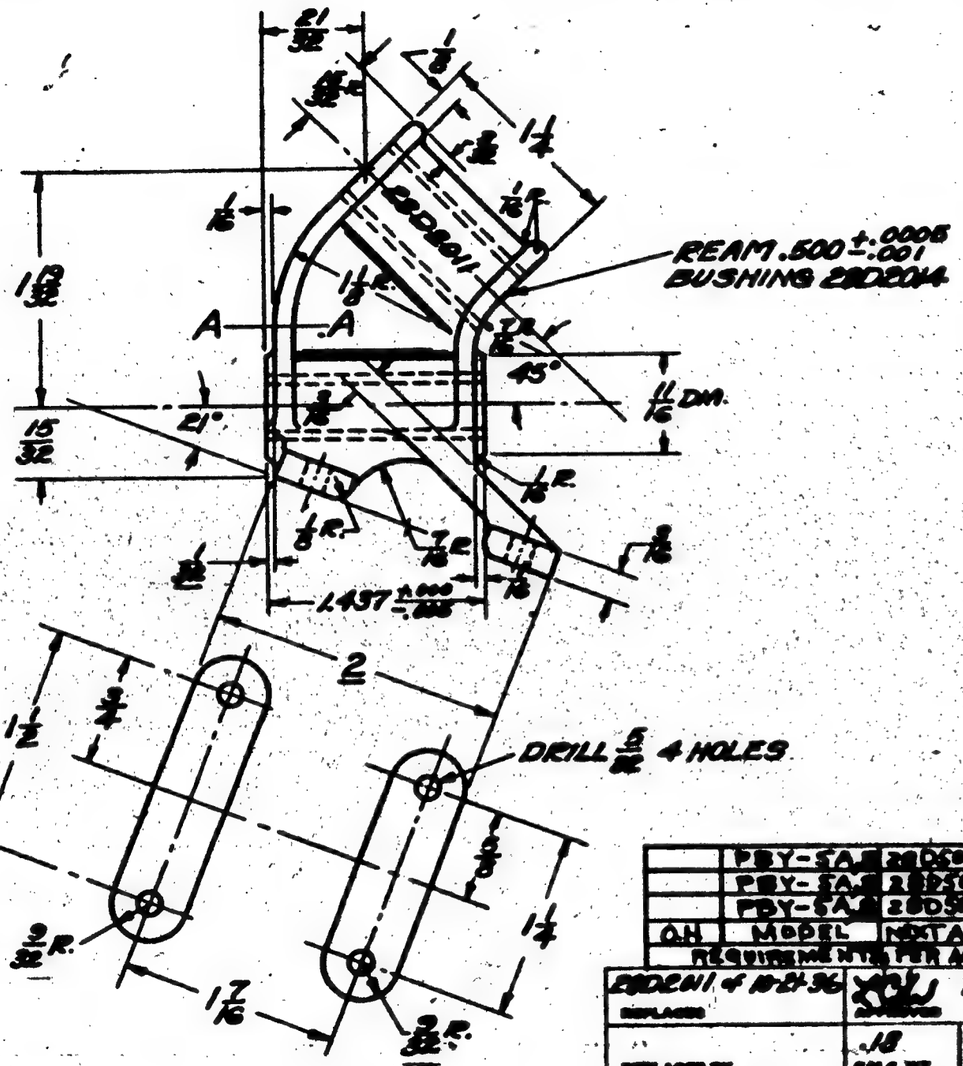
OPP. HAND 28D1032-1

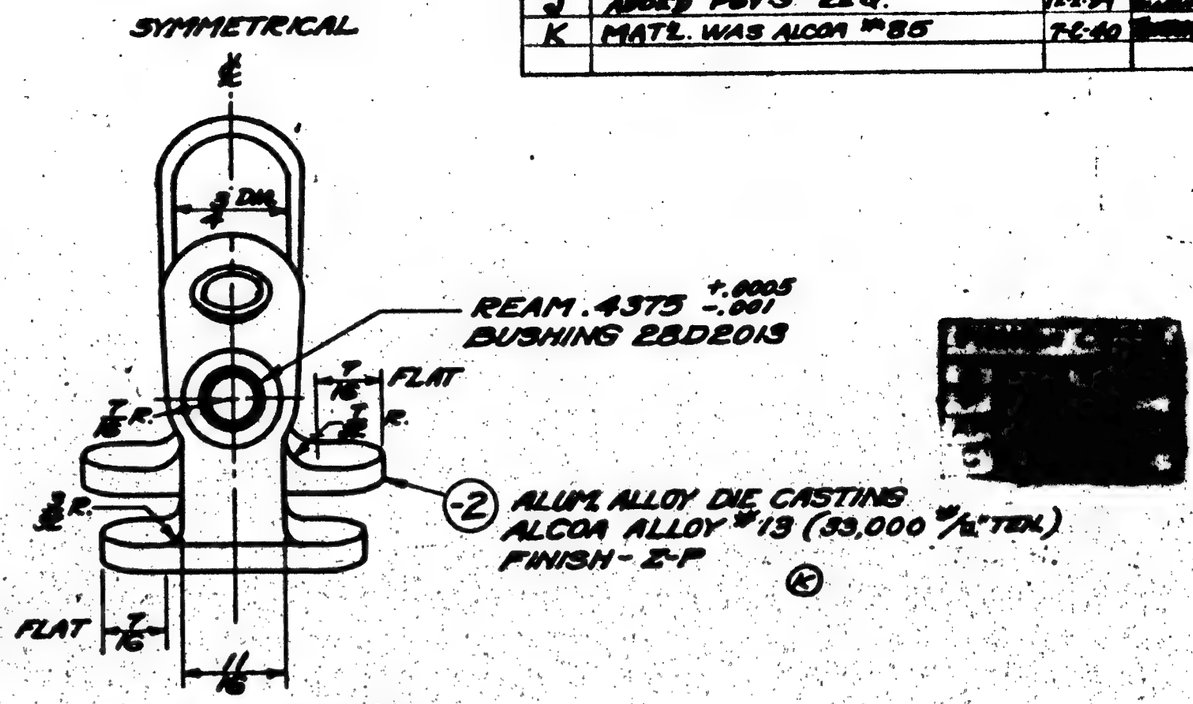
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B

28D1032

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
F	TRACED	4-27-37	
G	ADD XB-24 & B-24 REQ.	6-28-37	
H	XB-24 & B24 REQ'MTS' REMOVED	7-19-37	
J	ADDED PBY-5 REQ.	12-2-39	
K	MATL. WAS ALCOA #B5	7-2-40	





(2) ALUM. ALLOY DIE CASTING
ALCOA ALLOY #13 (33,000 #/□" TEN.)
FINISH - Z-P

(K)

(H)

	PBY-5	28D3006	4
	PBY-5	28D3005	8
	PBY-5	28D3004	8
	PBY-1	28D3003	
	[illegible]	[illegible]	
	PBY-4	[illegible]	
	[illegible]	[illegible]	
	PBY-1	[illegible]	
	PBY-1	[illegible]	
	[illegible]	[illegible]	
	[illegible]	[illegible]	
	[illegible]	[illegible]	

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	3-2-38	[illegible]
B	ADDED DIM. 5/16 ⌀ DRILL "F":		
	WT. CHG. NEG.	8-21-42	FUNK
C	ADDED -6 ASS'Y & SPOTFACE		
	5/8 BOTH SIDES FOR -6 ASS'Y		
	⌀ 1.187 +.005 -.000 DIM. FOR -6 ASS'Y		
	WT. CHG. NEG.	11-11-42	[illegible]

ROHR E.O. 879

E.O. A56087 B (CHG. #23-7)

SECTION A-A

SECTION B-B

SPOTFACE 5/8 Ⓒ BOTH SIDES OF -7 (REF.) FOR -6 ASS'Y ONLY

REAM .500 +.001 -.000 DIA. 2802014 BUSHING. PEEN TO SECURE BUSHING

REAM .4375 +.000 -.001 DIA. 2802013 BUSHING. PEEN TO SECURE BUSHING

CHAMFER 45° × 1/32

DRILL F

.530 +.000 -.002 DIA

3/16 2803005-2 ASS'Y.

5/32 DIA. DRILL, 4 HOLES IN 2803005-2 ONLY

1.437 +.000 -.005

1.187 +.005 -.000 Ⓒ

(-7) SAME AS -5 EXCEPT AS NOTED

(-4) ALUM. ALLOY CASTING ALCOA #195 T4 4CA1 CL4

(-5) HT. 29000 "A" FINISH Z-P

FINISH CODE	
Z	ANOD'C TREATMENT
P	#27 PRIMER
ZCP	ALUM. ALLOY PRIMER
C	CHROMIUM PLATE

LIMITS
ON CASTING DIM. ± 1/32
ON MACHINE DIM. ± .010
ON ANGLE ± 0°10'
FILLETS 1/8 UNLESS OTHERWISE SPECIFIED

FLAT 7/16

SYMM.

2803005-3 ASS'Y. SAME AS 2803005-2 EXCEPT AS SHOWN

C-13595 C-NOTE "DO 12 U" CHG "TH" TO "ON" BEARING ASS'Y AS SHOWN 28C3005-2

C-13595 BEARING ASS'Y. WITHOUT LUGS 28D3005-3

-6	PBY-5A	28D3053	2
-6	PBY-5	28D3053	2
-3	PBY-5A	28D3002	2
-3	PBY-5	28D3002	2
-3	28-SHANK(ANGLE ARM)	28D3001	2 EA
-2	28-SHANK(ANGLE ARM)	28D3002	2 EA
-3	28-SHANK(SMOOTH)	28D3002	2 EA
-2	28-SHANK SMOOTH	28D3002	2 EA

-2	PBY-5A	28D3003	2
-2	PBY-5	28D3003	2 EA
-3	PBY-5A	28D3002	2 EA
-3	PBY-5	28D3002	2 EA
-3	XPBY-4		
-2	PBY-4		
-3	XPBZY-1		
-2	XPBZY-1		
-3	PBY-3		
-2	PBY-3	28D3002	

28D2014	1																		
28D2013	1																		
28D3005-1	1																		
PARTS ASSEM. ON -6 ASS'Y																			
28D3012	1																		
28D2013	1																		
28D3005-5	1																		
PARTS ASSEM. ON -3 ASS'Y																			
28D2014	1																		
28D2013	1																		
28D3005-4	1																		
PARTS ASSEM. ON -2 ASS'Y																			
-6																			
-3																			
28D3005-2																			

REPLACES	APPROVED	DATE
	RCW	3-2-38

REPLACED BY	CALC. WT.	ACT. WT.
NOTED	-3: .26 -5: .26	

LIMIT ON DIMENSIONS UNLESS + OTHERWISE SPECIFIED −

SCALE 12" = 1'-0"

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.										
A C															
NAVY NOTED	NOTED	NOTED		NOTED											
MATERIAL	SPEC.	HEAT TREAT		FINISH											

	DRAFT	CHECK	EXAM.	ENG.
TRACED			HWH	R
2-2-38				

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. NO. WHERE SHOWN

NAME BEARING ASSEMBLY ENGINE COWL FLAP SPECIAL

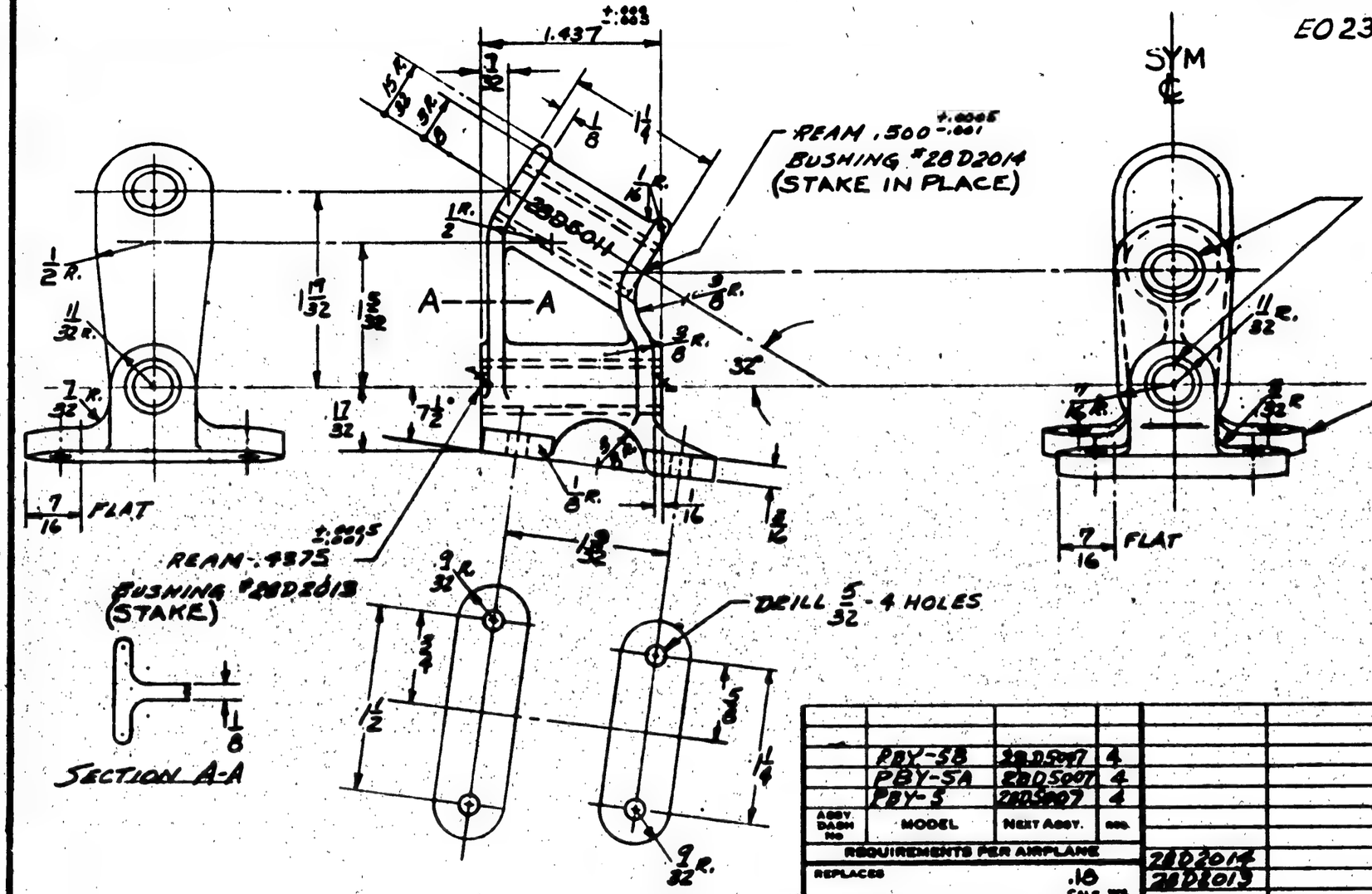
OPP. HAND

DWG. B SIZE 2803005

PRINTED ON "IMPERIAL" TRACING CLOTH K & E CO., N. Y.

LET	ALTERATION	DATE	BY
A	MAT'L. WAS ALCOA #85	7-9-40	
B	NOTE ADDED & LIMITS ON		
	ANGLES ±0°30' WAS LIMITS IN		
	ANGLES ±0°10'	11-6-40	Wheat

EO 23698



NOTE: (B) THESE HOLES MUST BE IN SAME PLANE WITHIN .020

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 Primer
AP	ALUMINIZED Primer
C	CADMIUM PLATE

(G) ALUM. ALLOY DIE CASTING
FINISH Z

(B) LIMITS ON CASTING DIMENSIONS ±.010
LIMITS ON ANGLES ±0°30'
RADII 1/8 UNLESS OTHERWISE SPECIFIED

ASSY. DASH No	MODEL	NEXT ASSY.	REQ'D
	PBY-5B	28D5007	4
	PBY-5A	28D5007	4
	PBY-5	28D5007	4

REQUIREMENTS PER AIRPLANE

REPLACES .18 CALC. WT.

REPLACED BY ASY. WT.

UNLESS OTHERWISE SPECIFIED: NOTED. SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
28D2014				1							
28D2013					1						
28D5011-C	DIE CASTING	ALUMINAL SAND CAST		1							
PARTS LIST PER ASSY.				-0	-2	-3	-4	-5			

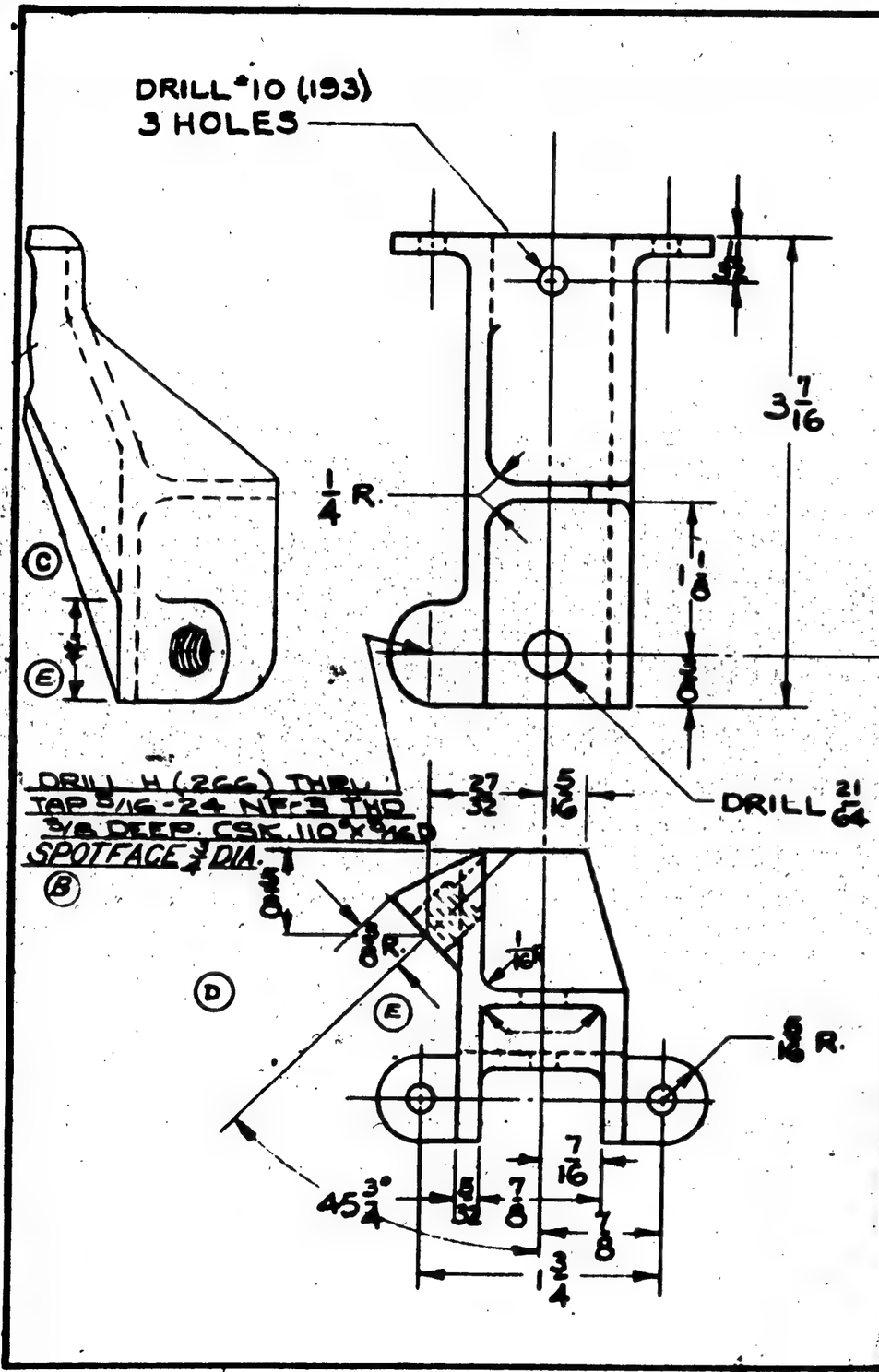
AC		11/29/39	PRODUCTION APPROVED	
NAVY NOTED	NOTED & P-AP	Treat	12-5-39	
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / MAT. / ASSEMBLY / ENGR.	

NAME BEARING ASSY. ENG. COWL BOTTOM FLAP

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

SIZE B — DWG. 28D5011



E.O. 1027
PBY-5, 28ME8F E.O. 3833
PBY-5A, 28-5's E.O. 22313

E.O. #A 40468
E.O. #A 55328

LET	ALTERATION	DATE	BY
A	ADDED VIEWS TO SHOW CUTOUT	11-4-40	[illegible]
B	ADDED "SPOTFACE 3/4" DIA."	2-1-41	[illegible]
C	TRIMMED CASTING WEB, ADDED DIM 5/16 - REMOVED SEC. A-A.	3-4-41	[illegible]
D	CHAMFERED EDGE R/L, WT. CHG. NEG.	6-25-42	[illegible]
E	REMOVED CHG "D" & 1 1/16 DIM. 5/16 DIM. NO. WT. CHG.	8-10-42	CHAMFER ON

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
A P	ALUMINIZED PRIMER
C	CADMIUM PLATE

NOTE:
1. ALL FILLETS & RAD. UNLESS NOTED
2. ALL WEBS 1/8 THICK

ASSY DASH NO.	MODEL	NEXT ASSY	REQ'D
	REQUIREMENTS PER AIRPLANE		
-R	28-5AMN	28D5000	2
-L	28-5AMN	28D5000	2
-R	28-5MN	28D5000	2
-L	28-5MN	28D5000	2
-R	28-5MC	28D5000	2
-L	28-5MC	28D5000	2
-R	28-5MA	28D5000	2
-L	28-5MA	28D5000	2
-R	28-5ME	28D5000	2
-L	28-5ME	28D5000	2
-R	PBY-5B	28D5000	2
-L	PBY-5B	28D5000	2
-R	28-5-AMC	28D5000	2
-L	28-5-AMC	28D5000	2
-R	PBY-5A	28D5000	2
-L	PBY-5A	28D5000	2
-R	PBY-5	28D5000	2
-L	PBY-5	28D5000	2

ASSY DASH NO.	MODEL	NEXT ASSY	REQ'D
	REQUIREMENTS PER AIRPLANE		
REPLACES		CALC. WT.	
REPLACED BY		ASSY. WT.	
UNLESS OTHERWISE SPECIFIED	SCALE 12"-1'-0"		
STAMP PART NUMBER WHERE SHOWN			

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
PARTS LIST PER ASSY.	CASTING	ALUM. ALLOY	195-T4 46 Al C4						

AC		DUNN	DATE DRAWN					
NAVY 28,000 PSI	Z+P-2 AP	12-4-39	2685					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME SUPPORT TOP COWL FLAP
OPP. HAND 28D5013-1

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF

DWG. B SIZE

28D5013

LET	ALTERATION	DATE	BY
A	DETAIL "A" ADDED SAWING CUTOUT	11/40	
	W-6 ANGLE AS PER ENG. RELEASE		MARKER
	ADDED (6) AC366-F1032 TO DRG & SYM	"	
B	ADDED (3) AC366-F1032 TO DRG & SYM	3/41	Larson
C	33/64 DIM. WAS 2 1/4	6/13/41	Kaper
D	CREATED -2 ASS'Y.	8-14-41	Pepper
E	ADDED 33/32 DIM. NO WT CHG.	4-23-42	HINES

AN442-D5 RIVETS

F'WD

TOP VIEW SHOWING CUTOUT
SCALE 6"-1'0"

(A)

DRILL #10(.193) HOLES

-8 CLIP

(D) -0 ASSY ONLY

Q4303-D5 RIVETS
SPACE APPROX. 1

-6 ANGLE

AC366-F1032 NUTPLATE
AN425-D5 RIVETS

HINGE

(B)

(E)

C'SUNK RIVETS
ON THIS SIDE

TYPE 22A17-02 NUTPLATE
(ELASTIC STOP NUT CO.)
AN425-D3 RIVETS

(-7) HINGE
TO MATCH 28D5018-7
HINGE HALF

-0	28-3AMH	2803000	2	AN423-D3
-0	28-3NN	2803000	2	
-0	28-3MA	2803000	2	Q4303-05
-0	28-3NE	2803000	2	AN442-05
-2	P8T-3B	2803000	2	
-2	P8T-5 P8T-5A	2803000	2	
ASSY DASH NO	MODEL	NEXT ASSY.	QUAN	

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
22A17-02	ELASTIC STOP NUT CO.			2		2							
AC366-F1032				6		5							
-8	K1288 x 5/8	AL. AL. EXT.	46A9-T	2		2							
-7	Y-56A24T-15	ALCLAD	97A8-T	1		1							
-6	K5009 x 16 3/8	AL. AL. EXT.	46A9-T	1		1							

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ASS'Y. WT.

SCALE 1" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

A/C

NAVY NONE

HEAT TREAT

Z-P-AP.

FINISH

12-24-39

DRAFT

CHECK

STRUCT.

MAT.

APPROV.

ENG

NAME SUPPORT ASSEM.
OIL COOLER FAIRING

OPP. HAND —

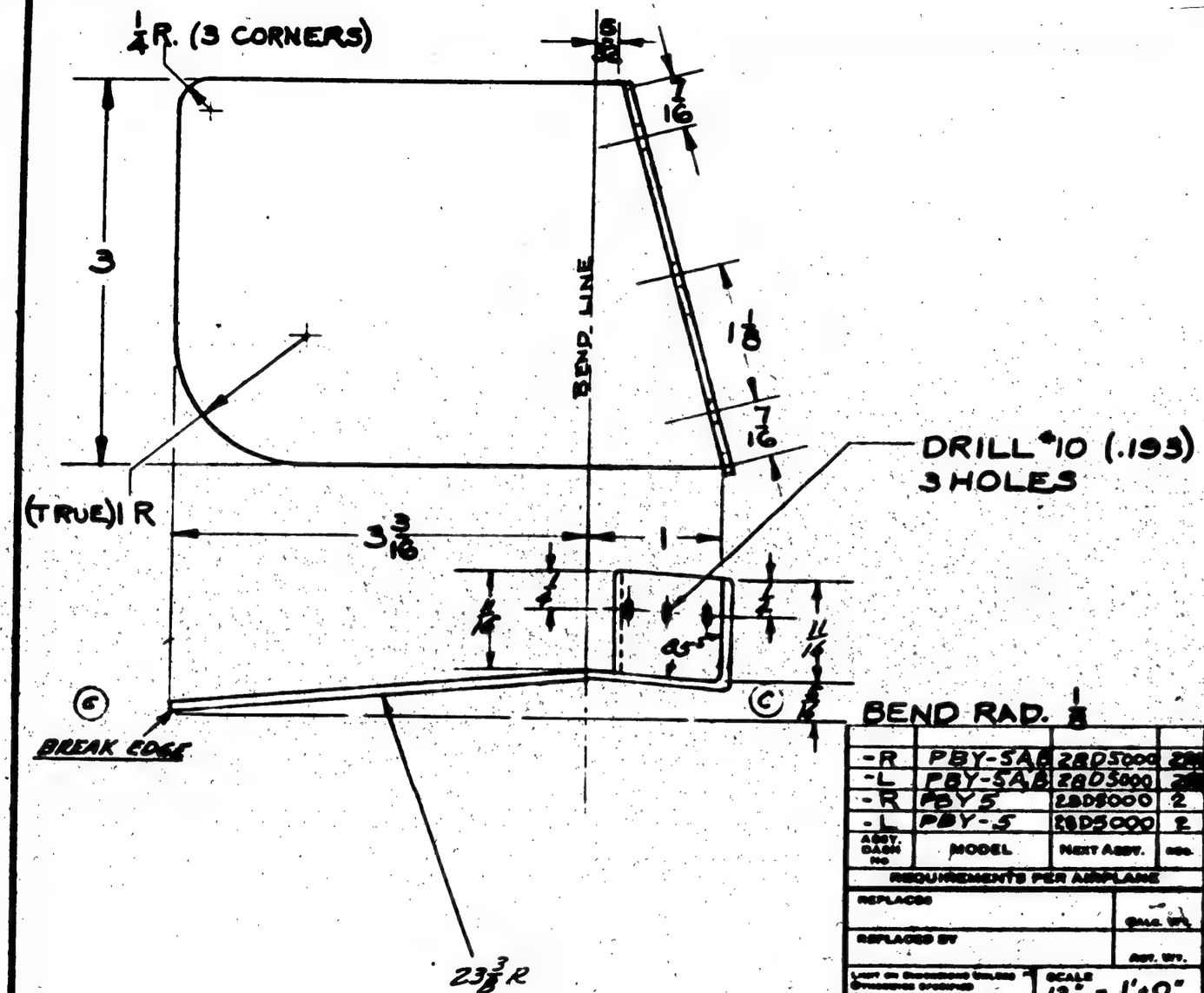
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B

28D5014

27334
PBY-5, 28-5, 0A-10
E.O 39263
PBY-5-28-5
E.O. A-2303

LET	ALTERATION	DATE	BY
A	ADDED 1¼, ¼ & ⅝ DIM'S.	11-6-40	JACOB
B	CHANGED SIDE VIEW AS PER E.O.	7-2-41	[illegible]
C	NOTE ADDED, -.85 ADDED, - 5% WAS 1%	2-16-42	[illegible]



BEND RAD. ⅛

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
-R	PBY-5A & B	28D5000	2
-L	PBY-5A & B	28D5000	2
-R	PBY-5	28D5000	2
-L	PBY-5	28D5000	2

REQUIREMENTS PER AIRPLANE

REPLACES — ORIG. ISS.

REPLACED BY — REV. ISS.

LIST ON DRAWING UNLESS OTHERWISE SPECIFIED — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

FINISH CODE

Z	ANOD-C TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

PURCHASE TO DWG.

PART No.	STOCK	MATERIAL	SPEC.	LH RH REQ. -0	LH RH REQ. -2	LH RH REQ. -3	LH RH REQ. -4	LH RH REQ. -5
PARTS LIST PER ASSY.								
	.040 × 3⅛ × 5½	SPRING STL.	AN-QQ-S-[illegible]					

AC

NAME SPRING TEMP	C - BAKE	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ISS.
HEAT TREAT	FINISH						

NAME SPRING TOP COWL FLAP

OPP. HAND 28D 5013 - R

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

SIZE B — 28D 5019

DRILL #10(.193) 5 HOLES

DRILL 1/4 DIA. 2 HOLES

-9 3/32 NEOPRENE PADS CEMENT & RIVET (4 PLACES) TO -8: AN425-D3

*1375 DZUS SPRING Q4303 D4 RIVET 2 PLACES

E.O. 27342

LET	ALTERATION	DATE	BY
A	ADDED -10, ALSO AC366F1032 WAS 1		
	REMOVED (1)-7 WAS (2) AND ADDED (2)	11/9/42	[illegible]
	CHANGED LOCATION OF -7		
B	4 HOLES #10(193) ADDED	3/5/43	WHITE
C	2 1/4 DIM WAS 2 1/8, 7 1/8 DIM WAS 6 1/8	4-10-44	O.K. SAM
	10 DIM WAS 9 7/8, 13 3/4 DIM WAS 13 5/8		
	ADDED 28-5 AND MODEL TO BOX		

1 3/8, 1/4, 5/8, 15/16, 1 7/16, 1 7/8, 15/16, 1/4 R (E.O. 37425 ADDED 28-5 AND 28-5 MC), 3 3/4, 1/4, 1 3/8, 1 1/2, 1/4, 1/4

13 3/4 © 10 1/8, 7 3/4, 8 1/8, 2 1/4, 1", 5/16, 16 1/4, 5/8, 5/8

AC 366 F 1032 AN425-D3

Q4303 D5 RIVET FLUSH ON BOTTOM

AN 442 D5 RIVET

3/32 JOGGLE BOTH ENDS

DRILL #10 (.193) -4- HOLES

-6, -7, -8, -9, -10, A, B, C, D, E

FINISH CODE

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

| | | |

LET.	ALTERATION	DATE	BY
A	CUT OFF CORNER OF ANGLE	11-[illegible]-42	[illegible]
B	PBY-3 REQ'TS. ADDED	10-3-42	LARSON
C	"B" WAS 1/32, "C" WAS 3/16, 3/16, & 1/4 DIM.	10-10-42	LARSON
	ADD. TAB. BLK. ADDED		
D	REMOVED -8, -9, -10, -11, & 13 FROM FACE & 3/4 -6 & 14 WAS (8) -12 & -14 (8)		
	WAS (4) 1/32 BELOW & WAS 1/32 ABOVE & ADD 3/32 MAX. DIM.	12-[illegible]-42	[illegible]
E	REMVD -8 & -14 & ADD -15 & -16 FOR ALL 28-5's, PBY 5, 5A & 5B. ADD DIMS. & 1/16 & 2 & 8 & NOTE "TWO ETC." & REVISION	7-25-43	LINDBERG
F	IN SCHEDULE BLK. ADDED -15 TUBE NOTE. NO WT. CHG.	9-28-43	FUNK
G	MOVED "3/32 MAX." TO L.H. END OF PART & BROKE CONTINUOUS 5/8". NO WT. CHG.	9-10-43	[illegible]

E.O. 12777
E.O. 26508
E.O. 24040

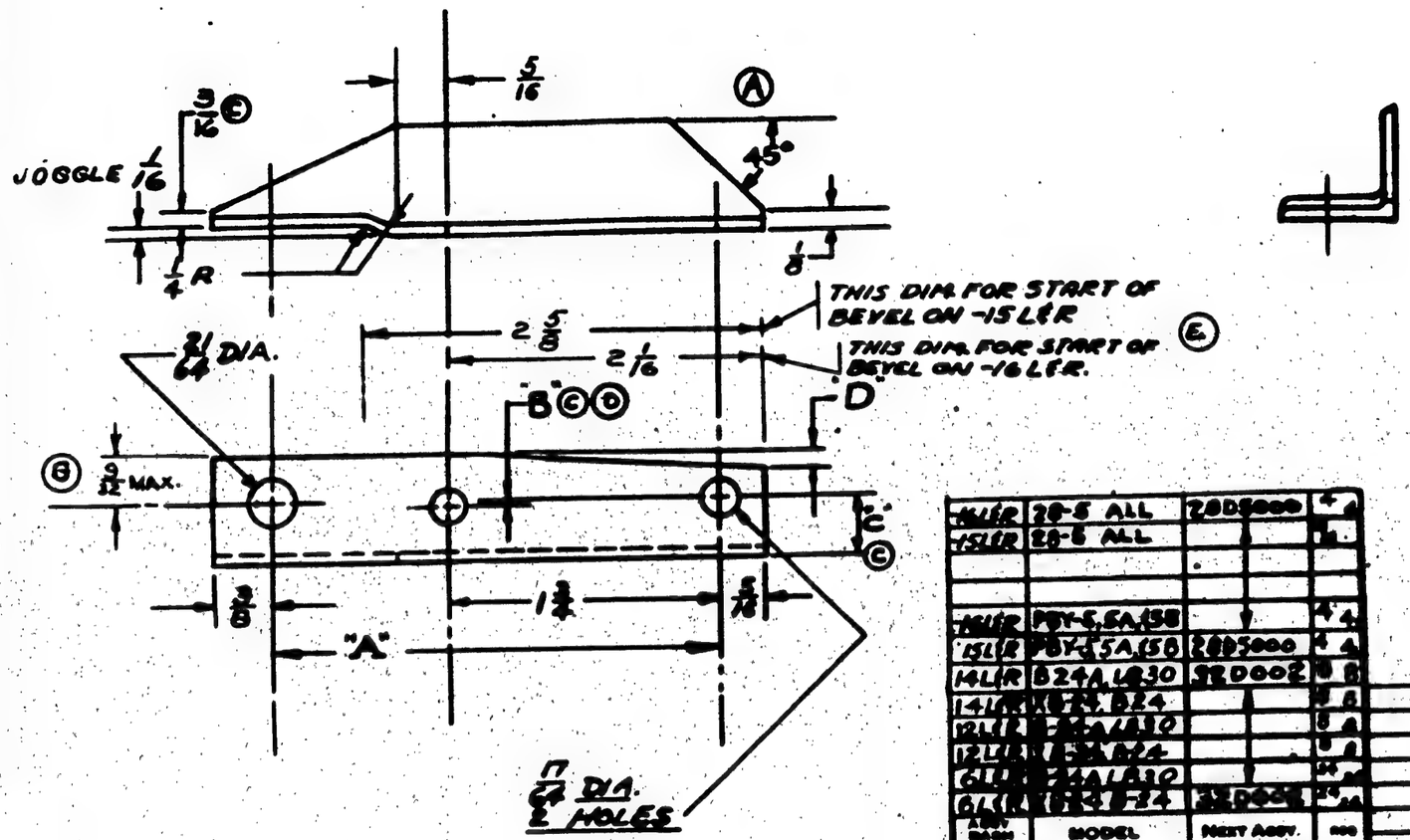
ROHR E.O. 257

E.O. A45578A

E.O. A51635

NCR 302-74

32D010



-14 L.E.R.	PBY-5, 5A, 15B		4 A
-15 L.E.R.	PBY-5, 5A, 15B	28D5000	4 A
-14 L.E.R.	B24A, L830	32D002	8 B
-14 L.E.R.	[illegible] B24		8 B
-12 L.E.R.	[illegible] L830		8 B
-12 L.E.R.	[illegible] B24		8 B
-6 L.E.R.	[illegible] L830		24 A
-6 L.E.R.	[illegible] B24	32D0[illegible]	24 A

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ

REQUIREMENTS PER AIRPLANE

REPLACES	.03 GAGE WT.
REPLACED BY	ASY. WT.
LIGHT AND SHARP EDGES REMOVED ± 1/32	SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

ITEM	PART NO.	A	B*	C	D
2	-6 L.E.R.	2 15/16	1/32	1/16	1/8
3	-12 L.E.R.	3 3/16	1/32	1/8	1/8
4	-14 L.E.R.	3 15/16	1/32	1/8	1/8
5	-15 L.E.R.	2 15/16	1/32	21/64	5/32
6	-16 L.E.R.	3 15/16	1/64	1/8	1/8
*	"B" DIM. TAKEN ABOVE & FOR -	12-14-15	16	L.E.R.	

A. "Z = ANODIZE
P = P27 PRIMER

PART No.	STOCK	MATERIAL	SPEC.	1 RH	1 LH	2 RH	2 LH	4 RH	4 LH	6 RH	8 LH	8 RH
-14	K5 40 X 5	AL. AL. EXT.	ST-152-S CONDT	REQ.	REQ.	REQ.	REQ.	REQ.	REQ.	REQ.	REQ.	REQ.
-14A	X5											
-15L	X4											
-15A	X4											
-14R	X5											
-14A	X5											
-12R	X 4 1/8											
-12A	X 4 1/8											
-6R	X4											
-6L	K540 X 4	AL. AL. EXT.	ST-152-S CONDT	-0		-2		-8	-14		-8	

PARTS LIST PER ASSY.

AC NONE	CAC. ZF-32-001.	RELEASED	7-18-39	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NAVY	"Z-P	DRAFT	7-18-39	[illegible]		[illegible]		[illegible]	7-24-[illegible]
HEAT TREAT	FINISH		CHECK	STRUCT.	DAY	[illegible]		ENG.	

NAME SUPPORT
ENGINE COWL REAR

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND NOTED

SIZE B

32D010

R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	ADDED PART 3 REQMTS.	12/4/40	[illegible]
B	1" DIM. WAS 5/8"	5/2/40	REESE
C	3 1/16 DIM. WAS 9 1/4	10/2/40	[illegible]
D	Q4305 D4 WAS Q4303AD4	11/22/41	HODSON
	NOTE-FLUSH THIS RIVET INSIDE		
	ONLY WAS FLUSH BOTH SIDES		
E	BENT EDGE OF DOOR. 1/16	4-27-42	[illegible]
	& 7/16 DIM'S ADDED.		
F	ADDED -2 ASSEM. ADD-	7-2-42	[illegible]
	ED Q4303AD4 FOR -2 ASSY		

(-8) HINGE HALF
MAKE FROM AN251-1 HINGE (ALCLAD)
HINGE MUST MATCH 32D021(REF)

D
FLUSH THIS RIVET INSIDE FOR -0 ASSY.

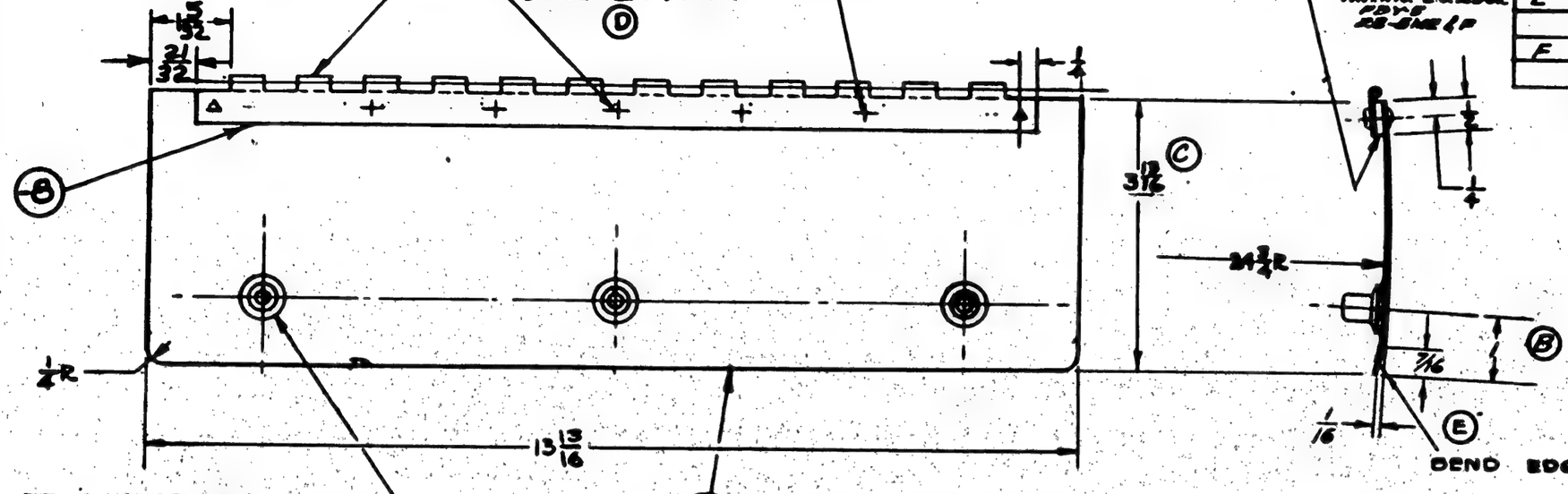
(-7) .128 24ST ALCLAD SHEET
SPEC.-11067-TYPE II

EQ. 16627
MAC EQ. 14144

(F)
Q4303AD4 FOR -2 ASSY.
Q4305 D4 RIVETS FOR -0 ASSEM.
SPACE 2 APPROX.

(D)

N.A.MC. EQ. 2562
FDVS 28-SME 4P



DZUS FASTENER FA-38
DZUS GROMMET #302
LOCATE TO SUIT HOLES IN 32D022 (REF.) PANEL

(-6) .051 24ST ALCLAD SHEET
SPEC.-11067-TYPE II
SPEC-47A8-COND.T

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH	RH	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PBY-5B	32D020	2				DZUS #502	B		3					
	PBY-5A	32D020	2				DZUS FA-38	5		5					
-2	32 NP	32D020	4				Q4305 D4	7							
-8	B-24A	32D020	4				Q4303AD4			7					
-0	PBY-5	32D020	2				-8	1		1					
-2	B-24	32D020	4				-7	1		1					
-2	XB-24	32D020	4				-6	1		1					

REQUIREMENTS PER AIRPLANE | GF MAT. | PARTS LIST PER ASSY. | -0 | -2 | -3 | -4 | -5

AC NOTED	NOTED	NONE	C.A.C. ET-32-001	DRAWN V.J.HART 7-11-39
NAVY NOTED	NOTED	NONE		[illegible] 7/14/39
MATERIAL	SPEC.	• HEAT TREAT	FINISH	DRAFT / CHECK / ENGR. / ENG.

REPLACES | H OWN APPROVED DATE
REPLACED BY | .39 GALC. WT. | ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED 1/32 ± | 6"-1"-0" SCALE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DOOR ASSEM.- ENGINE COWL

OPP. HAND NONE

DWG. B 32D023

LET	ALTERATION	DATE	BY
L	"C" WAS 7 3/8, ADDED "C" 7 3/8 & 7 5/8 TO DIM. BLOCK	6-23-41	HOW

VERT ℄ ENG. COWL (REF.)

AN442 AD4

-7 L/R

VIEW B-B.

CUT TO CLEAR K-12028 ENTR.

SECT A-A

VIEW C-C

ON -7R ONLY

ON -7L ONLY

CUT FLANGE & BEND TAB IN AS SHOWN

ARMY SPEC. 11067 I - H.T. 38-100 26

-6 L/R NAVY " 47AB-A-H.T.- SR 58

-7 L/R ARMY 11067 II

NAVY 47AB CONST.

VIEW D-D

DIM	DASH NO	
	-6	-8
A	5 1/4	5 7/16
B	6 13/16	7 3/4
C	7 5/8	7 3/8

24 R OUTSIDE

24 3/4 R. INSIDE

27 3/4 R OUTSIDE

9 1/4

2 1/4

HORIZ ℄ ENG. COWL (REF.)

3

PARTS ARE MADE FOR XB24.

FINISH ANODIZE & P27 PRIMER

ASSY DASH NO	MODEL	NEXT ASSY	QTY
-6	[illegible]	32D022	1
-0	[illegible]	32D021	1
-2	32AY-6	32D022	2
-0	32AY-5	32D021	2
-2	32AA.32MF	32D022	4
-0	32AA.32MF	32D021	4
-2	[illegible]	32D022	4
-0	[illegible]	32D021	4

REQUIREMENTS PER AIRPLANE

REPLACES — CALC WT.

REPLACED BY — ACT WT.

LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: 1/32

SCALE 3"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
AN442AD4													
32D054-7R	.032 x 8 x 7	ALCLAD 24S	NOTED			1							
32D054-7L	.032 x 8 x 7	ALCLAD 24S	NOTED				1						
32D054-8	.032 x 12 x 24	ALCLAD 24S	NOTED	1				1					
32D054-9	.032 x 12 x 24	ALCLAD 24S	NOTED		1				1				

PARTS LIST PER ASSY.

AC	NOTED	C.A.C. 11-X-001	B-18				
NAVY	NOTED	X-P					
HEAT TREAT		FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.
					GF			

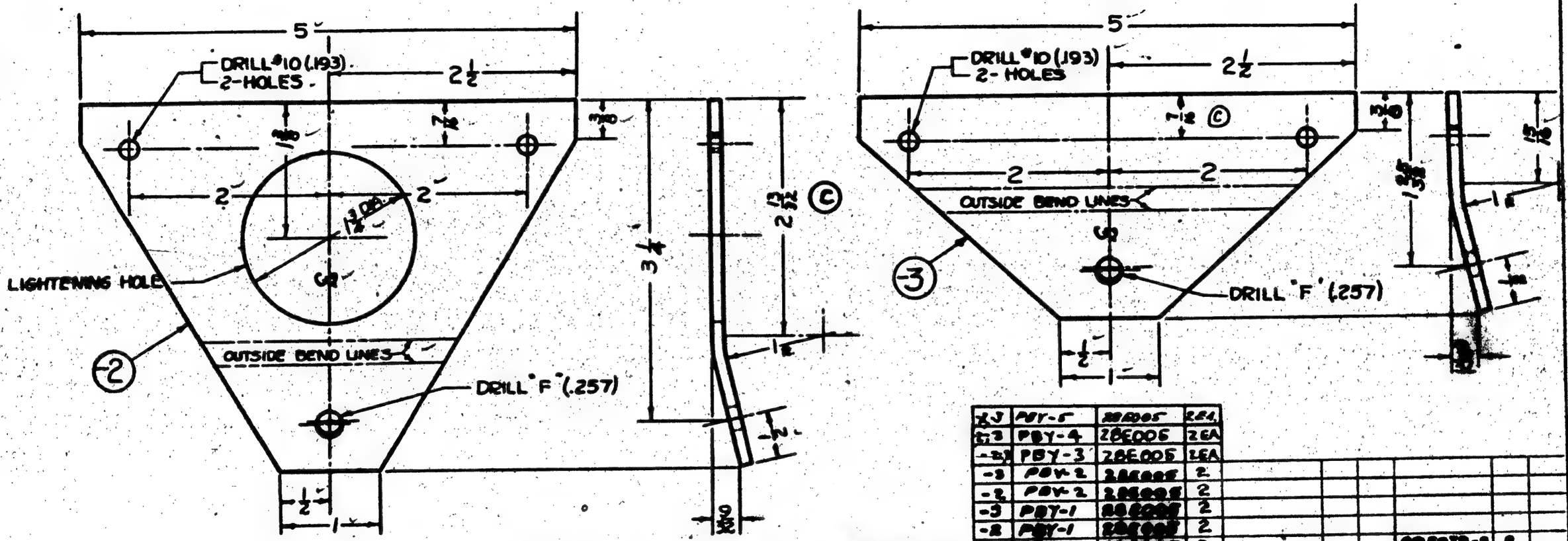
NAME CHANNEL ASSEMBLY BAFFLE PAD SUPPORT

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND 32D054-R

DWG. B SIZE 320054

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	1-[illegible]-37	R.A.
C	ADDED 3/16 RAD & 1731-5 REQ'TS.	4/21/37	[illegible]
	3 WAS 2 (TRACING ERROR)		



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

-3	PBY-5A	28E005	[illegible]
-2	PBY-5A	28E005	[illegible]
O.H.	MODEL	NEXT ASSY	REQ.

-3	PBY-5	28E005	REQ.								
-3	PBY-4	28E005	2 EA								
-3	PBY-3	28E005	1 EA								
-3	PBY-2	28E005	2								
-3	PBY-2	28E005	2								
-3	PBY-1	28E005	2								
-2	PBY-1	28E005	2								
-3	PBY-1	[illegible]	2							28E079-3	2
-2	PBY-1	[illegible]	2							28E079-2	2
O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		

REPLACES

REPLACED BY

[illegible] 1-8-37 APPROVED DATE

WT. ACT. WT.

SCALE 2" = 1"

NAVY [illegible]

MATERIAL

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

NONE

SPEC. | HEAT TREAT | FINISH

	DRAFT	CHECK	EXAM.	ENG.
	10-21-37	[illegible]		
	[illegible]	1-12-37		[illegible]

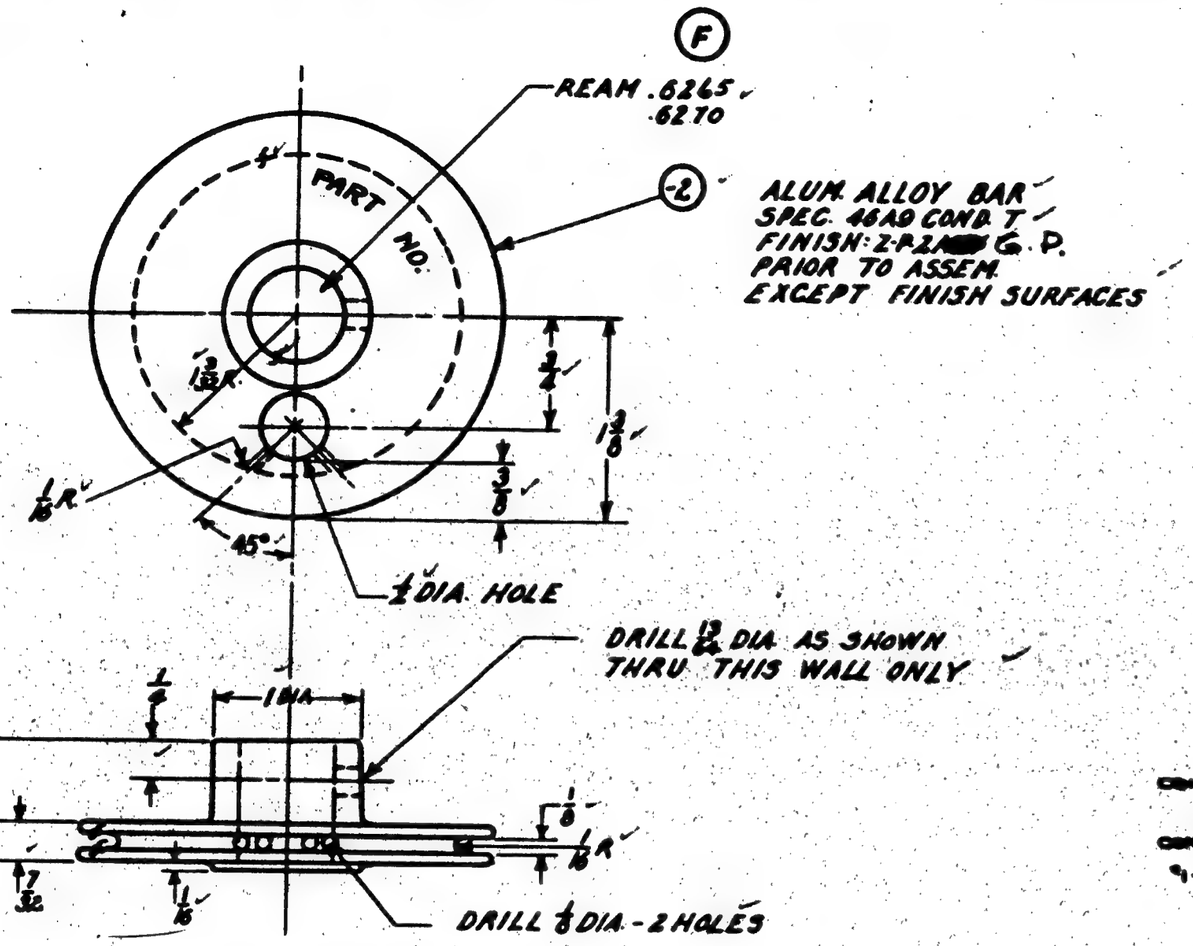
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

NAME GUSSETS-ELECTRIC-SYSTEM LANDING LIGHT SUPPORT

OPP. HAND

SIZE B 28E079

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
E	TRACED	12-21-38	W.B.R.
F	DRWG .6265 WAS .6255	2-16-39	[illegible]



ALL UNSPECIFIED RADII ARE 1/32

CENTER 70659 } 31876P1-50

CENTER 70659 } 77713 } P-52 [redacted]

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS
	[redacted]			
	PBY-6	28E124	1	
	PBY-5A	28E124	1	
	PBY-5	28E124	1	
	PBY-4	28E124	1	
	PBY-3	28E124	1	
	PBY-2	28E124	1	
	PBY-1	28E124	1	
	XPBY-1	28E124	1	

LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
		28E118-2	1	

G.P. GARRETT-ROANE

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED [redacted] DATE 12-21-38

CALC. WT. 11 ACT. WT.

SCALE 12" = 1'0"

AC

NAVY NOTED

MATERIAL: NOTED | SPEC.: NONE | HEAT TREAT: NOTED | FINISH

MAT. | PARTS LIST PER ASSY.

1-17-39 Brine HBC

WIDE CONTROL 1-12-39 R

DRAFT | CHECK | EXAM. | ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME

PULLEY - ELEC. SYS. - FLOAT CONTROL SWITCH

OPP. HAND

SIZE B

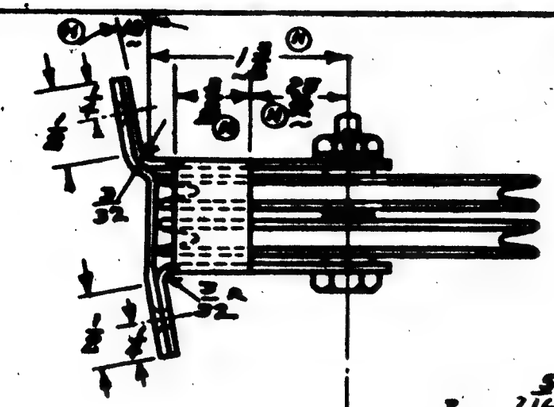
28E118

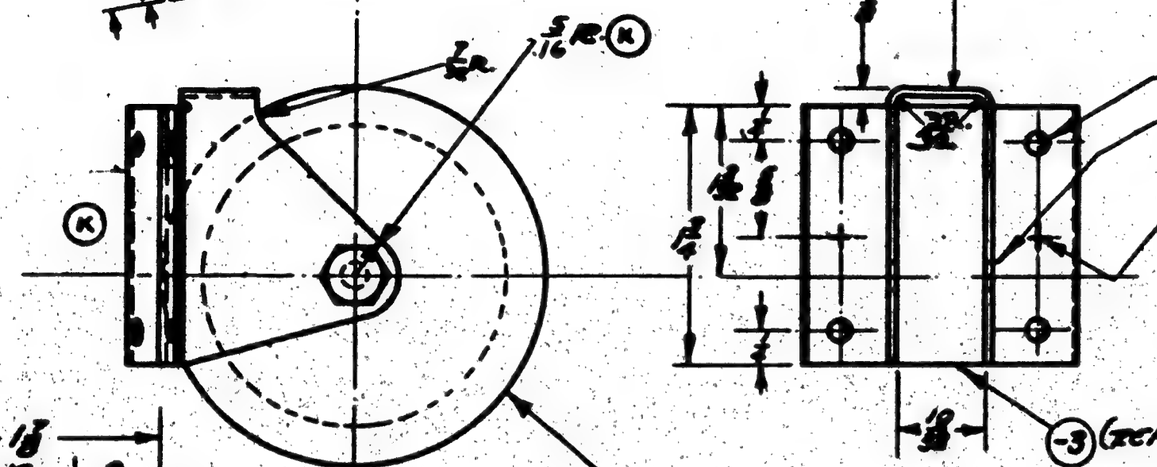
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
F	TRACED TO DATE	9-15-36	Bennett
G	ADDED WORDS "LIGHT DUTY" TO B/M. ADDED PBY-4 REQ.	1-7-38	Brown
H	ON -3 CHG'D 1/16 DIM. TO 1/32.	4-24-41	CLAY
	ON -2 10°CHG TO 15° 1 3/8 WAS 1 1/4		
	2 5/8 WAS 2 1/8 2 1/16 WAS 1 7/8		
J	ADDED -2 & -3 (1) IN B/M ONLY	9-24-41	Hunter
K	1/16 R. WAS 3/32, 3/16 DIM. WAS 3/32.		
L	REMOVED 45°&15° BEND.	12-19-41	Bennett

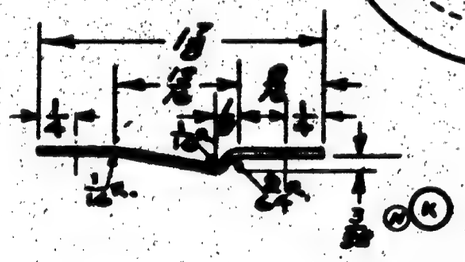
C.O. 6819

PBY-5

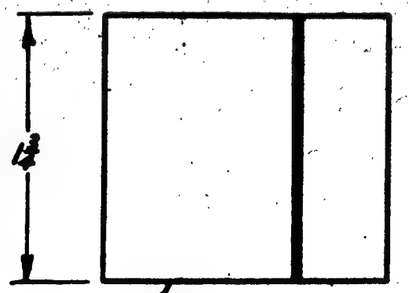
E.C. 20231







AN 210-2A - SPECIAL
AN3-11
AN 310-3
AN 960E-2
AN 960-10
} OMITTED IN VIEW ABOVE FOR CLARITY



-3 .040 ALUM ALLOY 24S
SPEC. 47A10 COND "A"
H.T. 3R53 COND "T"

CONTR. TOLOG TYPE B CONTR. NO. 1-102

CONTR. TOLOG TYPE B NO. 1-86

G.P. GREEN PRIME

	PBY-A	28E124	1	AC426D3	2					
	PBY-4	28E124	1	AN960-10	1					
	PBY-5	28E124	1	AN960E-2	1					
	PBY-2	28E124	1	AN310-3	1		-3		1	
	PBY-1	28E124	1	AN3-11	1	J	-2		1	
	XPBY-1	28E124	1	AN210-2A	2	(LIGHT DUTY)				
						LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES 28E118 OF 1-14-36

REPLACED BY

LIMIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED 2-25-38 DATE

CALC. WT. ACT. WT.

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS

SCALE NONE

REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.			
AC				2-15-38		2-17-38	
NAVY NOTED	NOTED	NOTED	ZP2A G.P.	OHN	2-22-38	H.A.C.	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

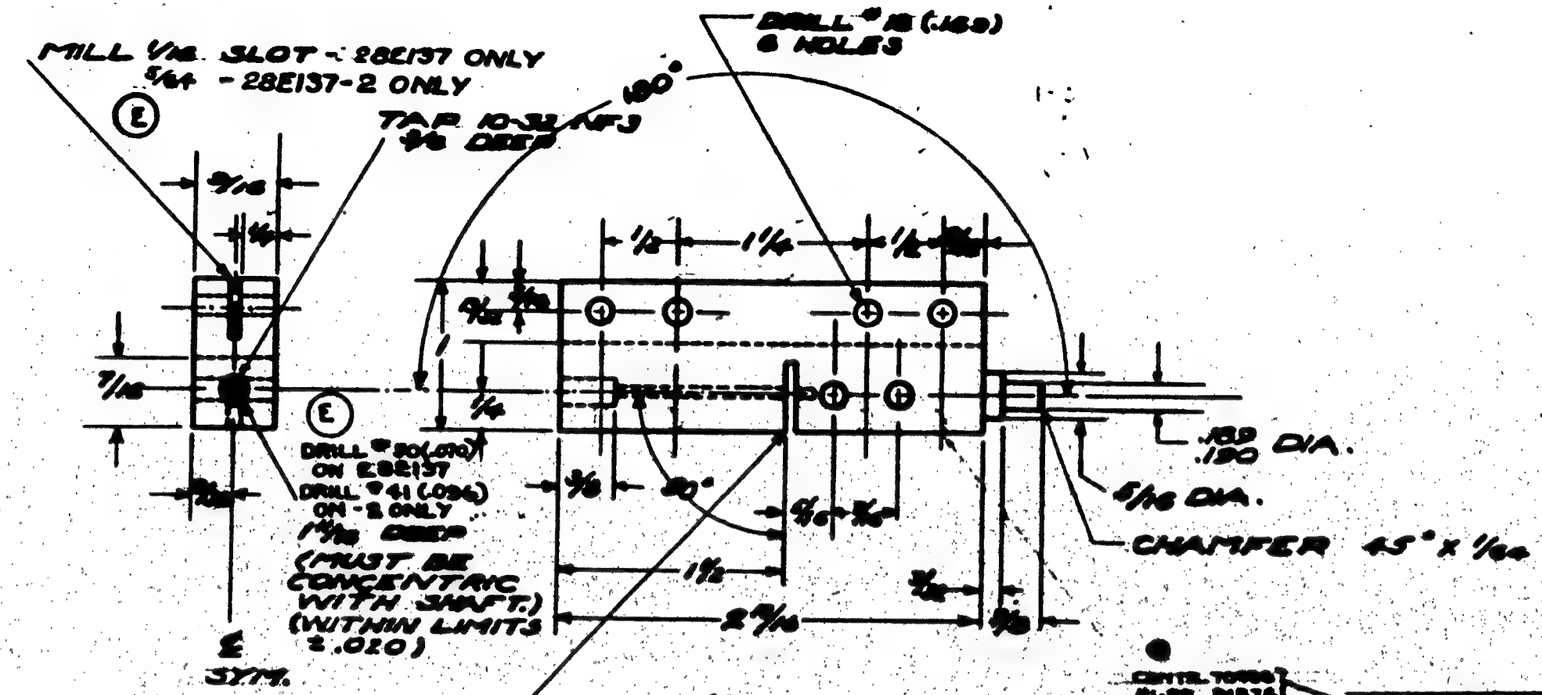
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

NAME BRACKET ASSEM.-ELEC.-FLOAT CONTROL PULLEY

OPP. HAND

SIZE B 28E119

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED UP TO DATE.	4/11/41	
D	REMOVED 4 HOLES	9-29-41	
E	[redacted] PBY-5 REQS. AS-2; ON -2 #41 DRILL WAS #50 DRILL; NEXT ASSEMBLY FOR PBY-2 & PBY-5 WAS 28E125; SLOT WAS 1/16 ON PBY-5 7-28-37		



FINISH:

ALL OVER, G.P. ALL SURFACES EXCEPT STUB SHAFT.

E

G.P. GREEN PRIME

CONTR. TOOLS #1-28	91876
CONTR. TOOLS #1-62	77713 88476

-2	PBY-5	28E2031	1
-2	PBY-5A	28E2031	1
-2	PB-5MA	28E2031	1
-2	PB-5MC	28E2031	1
-2	PB-5MB	28E2031	1
-2	PB-5MH	28E2031	1
-2	PB-5MC	28E2031	1
-2	PA-10	28E2031	1
-2	PBY-4	28E2031	1
-2	PBY-3	28E2031	1
-	PBY-2	28E2031	1
-	PBY-1	28E125	1
-	XPBY-1	28E125	1

REPLACES													
REPLACED BY													
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010													
[redacted] 12-31 DATE													
CAL. WT. .15	ACT. WT.	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		
SCALE NONE		REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.						
[redacted]		COND. T					O.H. W.						
NAVY ALUM ALLOY		46A8	NONE		NOTED								
MATERIAL		SPEC.	HEAT TREAT		FINISH		DRAFT	CHECK	EXAM.	ENG.			

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

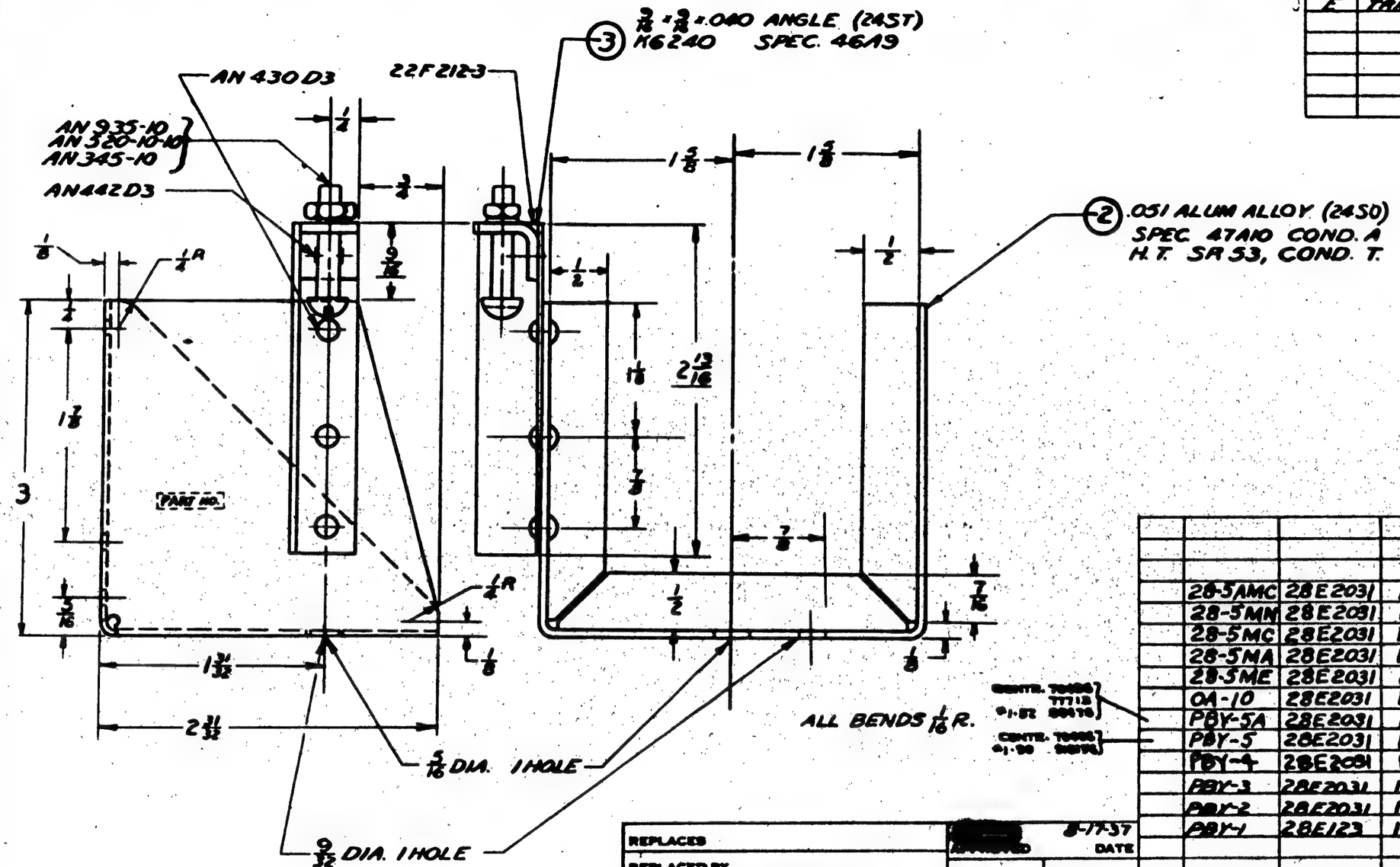
NAME SHAFT - ELEC. FLOAT SWITCH CONT.

OPP. HAND

DWG. B 28E137

CURTISS-WRIGHT CORP. BUFFALO AIRPLANE DIVISION

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
E	TRACED	9-17-37	[illegible]



(3) 3/16 × 3/16 × .040 ANGLE (24ST) M6240 SPEC. 46A9

(2) .051 ALUM ALLOY (2450) SPEC. 47A10 COND. A H.T. SA 53, COND. T.

G.P. GREEN PRIME

	28-5AMC	28E2031	1							
	28-5MN	28E2031	1							
	28-5MC	28E2031	1							
	28-5MA	28E2031	1							
	28-5ME	28E2031	1							
	OA-10	28E2031	1							
	PBY-5A	28E2031	1							
	PBY-5	28E2031	1							
	PBY-4	28E2081	1	AN 935-10	1					
	PBY-3	28E2031	1	AN 442 D3	2					
	PBY-2	28E2031	1	AN 345-10	1		22E212-3	1		
	PBY-1	28E123	1	AN 320-10-10	1		28E149-3	1		
				AN 430 D3	3		28E149-2	1		
O.M.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	

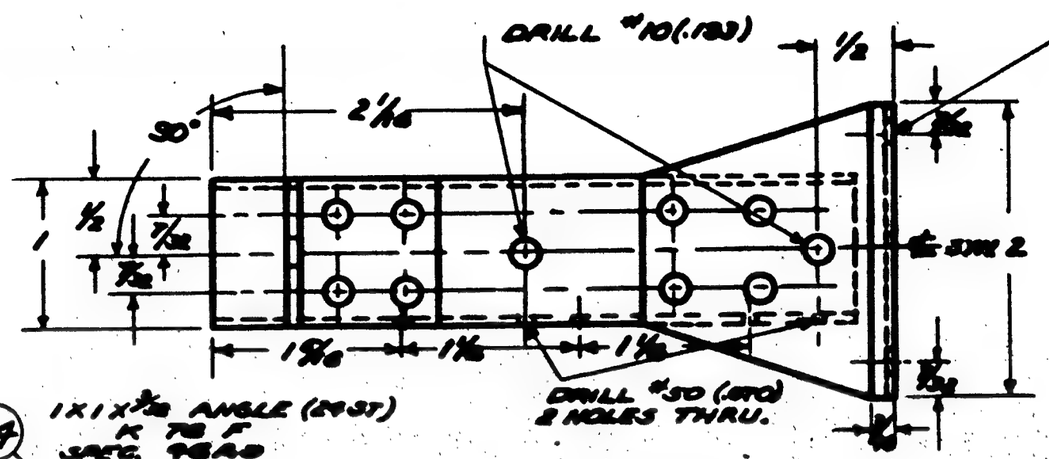
CENTER 70686 77113 ±1.52 88416

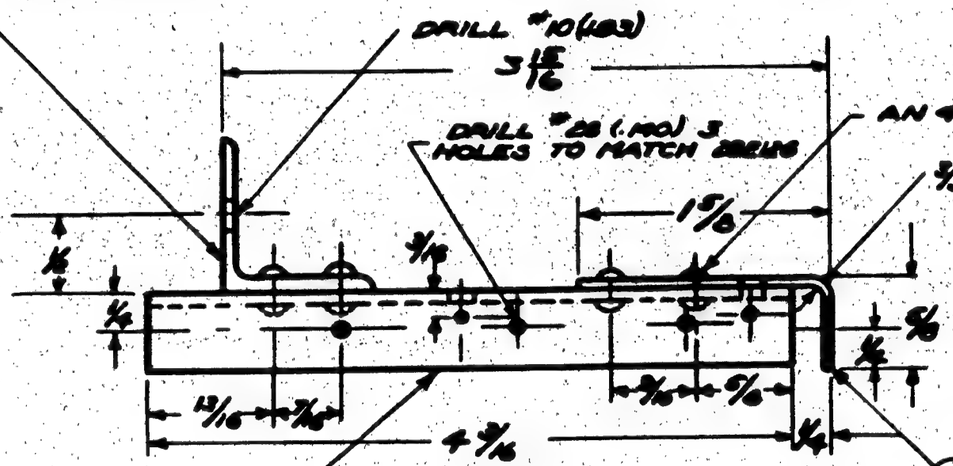
CENTER 70686 ±1.90 88416

REPLACES	[redacted]	8-17-37 DATE	
REPLACED BY			
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010	CALC. WT. - 11	ACT. WT.	
SCALE 12"-1'0"	REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.
AC			1-24-36 / 8-18-37
NAVY NOTED	NOTED / NONE	ZP2A[redacted] 6.P.	O.K. B.K.
MATERIAL	SPEC. / HEAT TREAT	FINISH	DRAFT / CHECK / EXAM. / ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.	NAME BRACKET ASSEM.- ELEC.- FLOAT SWITCH RELAY		OPP. HAND —
STAMP PT. No. WHERE SHOWN			SIZE B 28E149

SULLIVAN-SUTHERLAND CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED UP TO DATE.	6-25-42	[redacted]





CONTR. 70496 77713
91-22 [redacted]

CONTR. 70496
91-28 [redacted]

O.M.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	CA-10	28E203	2						
	[redacted]	[redacted]	2						
	[redacted]	[redacted]	2						
	[redacted]	[redacted]	2						
	[redacted]	[redacted]	2						
	[redacted]	[redacted]	2						
	PBY-5A	28E203	2						
	PBY-5	28E203	2						
	PBY-4	28E203	2						
	PBY-3	28E203	2						
	PBY-2	28E203	2				-4	1	
	PBY-1	28E123	2				-3	1	
	XPBY-1	28E123	2	AN 442 D3	6		28E151-2	1	

G. P. GREEN PRIME

REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.			
			G. P.	1-28-37	[redacted]	Miller	
				ORIG.	2-5-37	H.A.C.	
NAVY NOTED	NOTED	NONE	ZPB [redacted]	DRAFT	CHK'D	TYPE	ENG.
MATERIAL	SPEC.	HEAT TREAT	FINISH				

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

[redacted] APPROVED 1-19-37 DATE

CALC. WT. ACT. WT.

SCALE NONE

AC

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

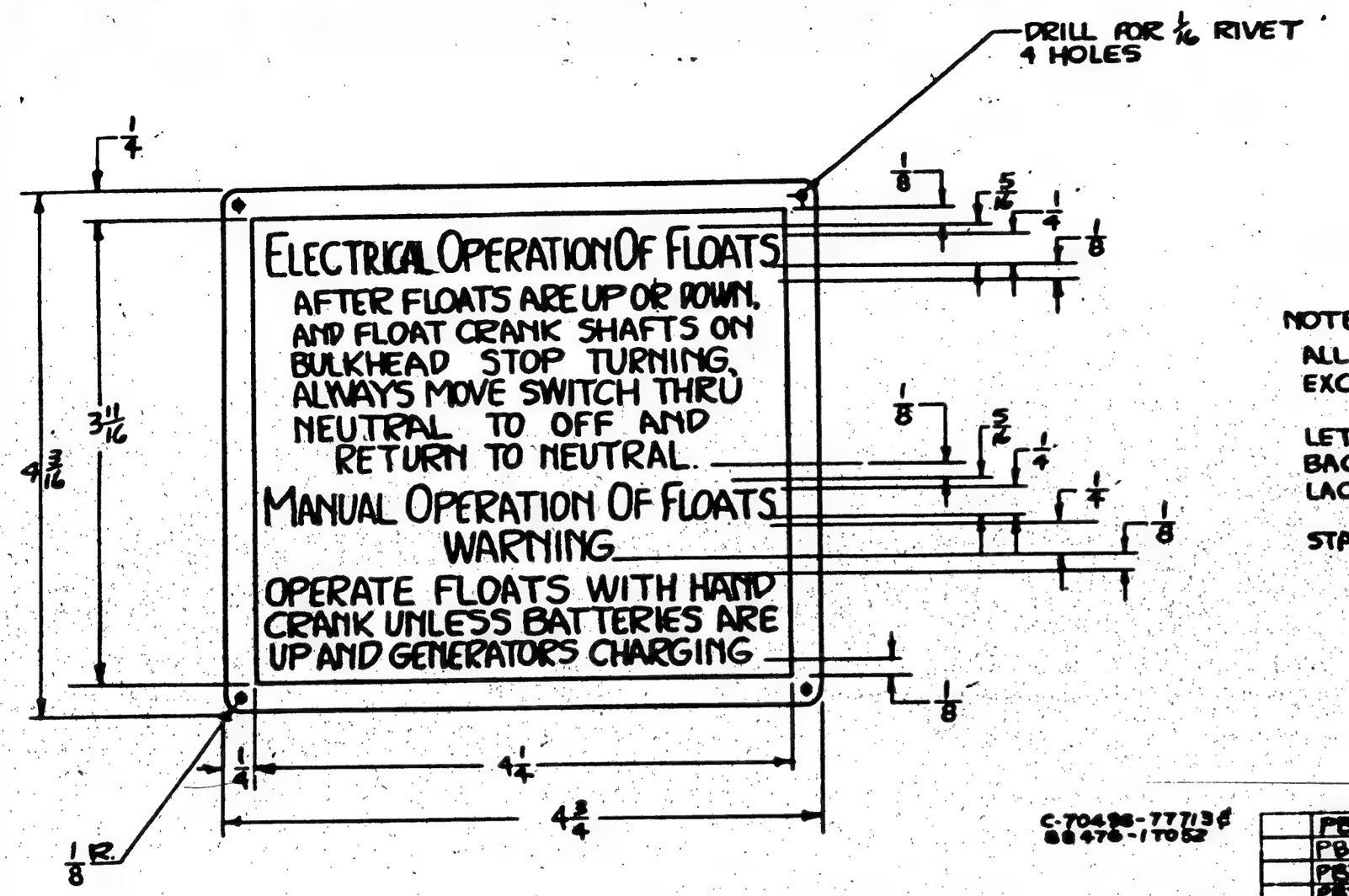
NAME SUPPORT ASSY. - ELEC. FLOAT SWITCH

OPP. HAND

SIZE B 28E151

SULLIVAN-SCHEIBLER CO., INC. BUFFALO

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	4-20-37	V.I.B



NOTES:-

ALL LETTERS 3/16 HIGH & 1/16 BETWEEN LINES EXCEPT AS NOTED

LETTERS & EDGES RAISED & POLISHED BACKGROUND ETCHED & P- BLACK LACQUERED

STAMP PART NO. ON REVERSE SIDE

C-70496-77713
88478-1T052

	PBY-5A	28E5563	1							
	PBY-4	28E1013	1							
	PBY-3	28E1013	1							
	PBY-2	28E1013	1							
	PBY-1	28G1013	1							
	XPBY-1	28E013	1							

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				
					HARRIS				
NAVY 032 NUM SHT.	47A2 H.H.	NONE		NOTED	7/9/36	55-37			
MATERIAL	SPEC.	HEAT TREAT		FINISH	DRAFT	CHECK	EXAM.	ENG.	

REPLACES 28E158 OF 6-23-36

REPLACED BY

APPROVED 4-20-37 DATE

CALC. WT. ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + 1/32

SCALE 12" = 1FT.

MC

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME NAME PLATE - ELEC. FLOAT OPERATION WARNING

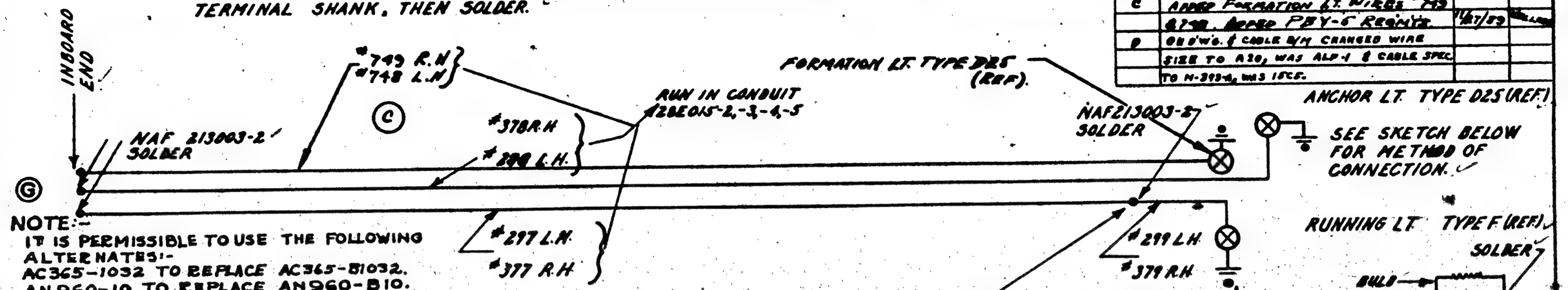
OPP. HAND

SIZE B

28E158

TO SOLDER TERMINALS: PEEL CABLE END FOR 1" & CLAMP TERMINAL AROUND END OF INSULATION. SPREAD CABLE STRANDS & WRAP AROUND TERMINAL SHANK. THEN SOLDER.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-17-36	WBM
C	ADDED FORMATION LT. WIRES #749 & #748. ADDED PBY-5 REQMTS.	1-27-37	
D	OB S'W'S. & CABLE S/M CHANGED WIRE SIZE TO A20, WAS ALP-1 & CABLE SPEC. TO N-393-A, WAS 15CF.		



NOTE:-
IT IS PERMISSIBLE TO USE THE FOLLOWING ALTERNATES:-
AC365-1032 TO REPLACE AC365-81032.
AN960-10 TO REPLACE AN960-B10.
AN520-10-8 TO REPLACE AN520-B10-8.

D

CABLE No.	SIZE ALP	SIZE A	APPROX. LENGTH
297	1	20	30.5
298	1	20	32.0
299	1	20	2.0
377	1	20	30.5
378	1	20	32.0
379	1	20	2.0
748	1	20	28
749	1	20	28

CABLE SPEC.- 15C5 -
" " - N-393-A D

TAPE SPEC.-
RUBBER: HH-T-111 - C-91876 1 inch
FRICTION: HH-T-101 C-70496 -77713 -88476 1" wide

SHELLACK SPEC: TT-S-271

SOLDER SPEC: 46314 -

ADHESIVE TAPE:- COMMERCIAL

TERMINALS: NAF 213003-2 -

INSTALL CABLE IDENTIFICATION NUMBERS AT EACH SOLDERED TERMINAL COMPOSED OF ADHESIVE TAPE ½" WIDE STAMPED IN INDIA INK WITH ¼" HIGH LETTERS, WITH NUMBERS SHOWN ABOVE BY #.

SHELLAC OVER TAPE

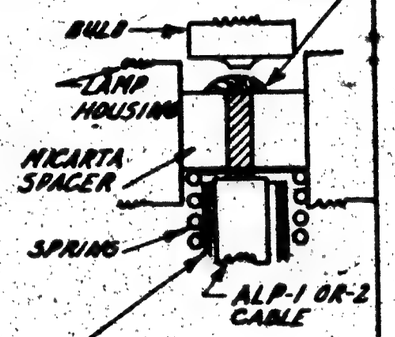
LET	ALTERATION	DATE	BY
F	AN520 B10-8 WAS AC365 B10-8	1-27-37	[redacted]
G	ADDED NOTE "IT IS PERMISSIBLE		
	..... - AN520-B10-8		

NOTE:- CHANGE "D" EFFECTIVE ON PBY-5 & ALL FUTURE MODELS, & SPARES.

-R	PBY-5	28E1015	1	
-R	PBY-5A	28E1015	1	
-L	PBY-5A	28E1015	1	
O.H.	MODEL	NEXT ASSY.	REQ.	

TERMINALS SPLICED IN BOX 39922-10 AT WING TIP, WITH
F AN520B10-8
AN960 B10
AC365 B1032
TAPE OVER WITH 1 WRAP EACH OF RUBBER AND FRICTION TAPE & SHELLAC OVER.

RUNNING LT. TYPE F (REF.)



NOTE: SPRING MUST BE ASSEMBLED ON CONDUIT BEFORE FERRULE IS SWAGED.

-R	PBY-5	28E1015	1	AC365B1032	1	1		
-L	PBY-5	28E1015	1 EA	AN960B10	1	1		
O-1	PBY-5	28E1015	1 EA	AN520B10-8	1	1		
-9-1	PBY-3	28E1015	1 EA	NAF213003-2	4	4		
-9-1	PBY-2	28E1015	1 EA			.5		
-1	PBY-1	28E015-1	1					
	PBY-1	28E015	1	ALP-1	36"	36"		
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ. RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.			

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED

APPROVED [redacted] DATE 12-18-36

CALC.WT. ACT.WT.
SCALE NONE
AC
NAVY
MATERIAL

NOTED	NONE	NOTED
SPEC.	HEAT TREAT	FINISH

MAC. [redacted] 9-13-36 1-13-37
DRAFT CHECK ENGR. ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN

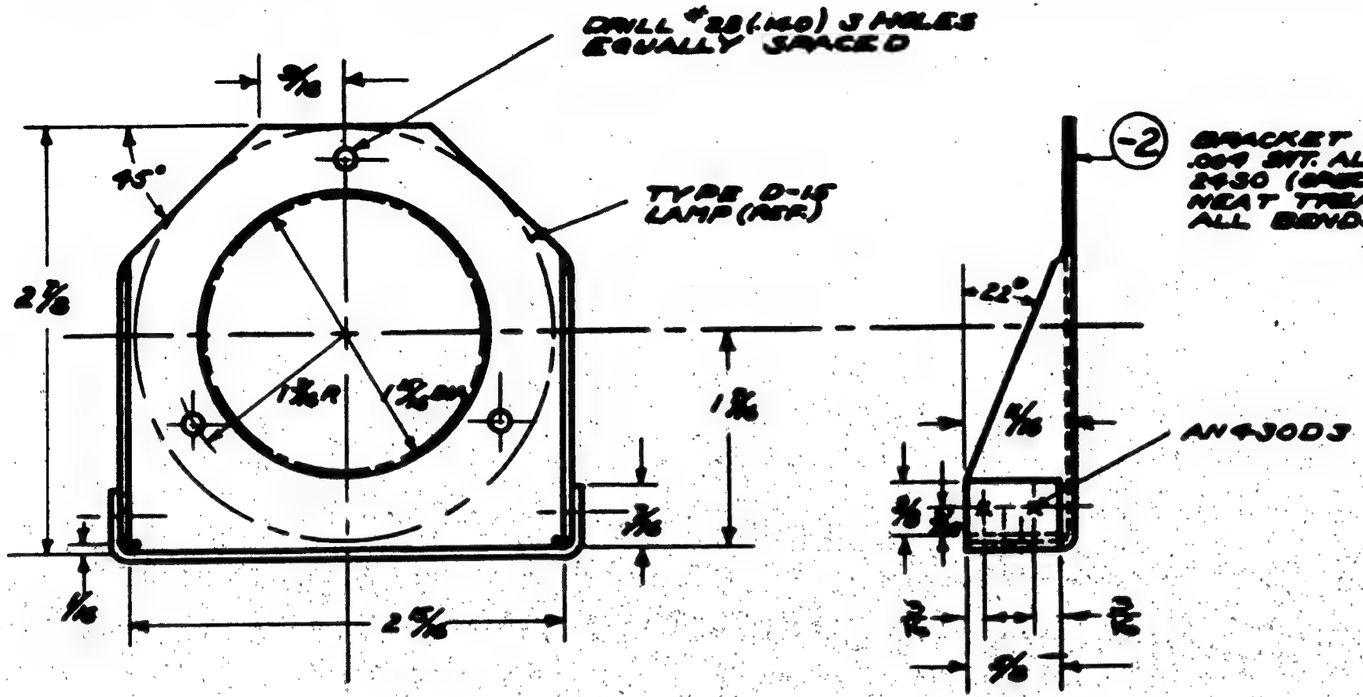
NAME WIRING DIAGRAM-ELECT.-OUTER WING SECTION

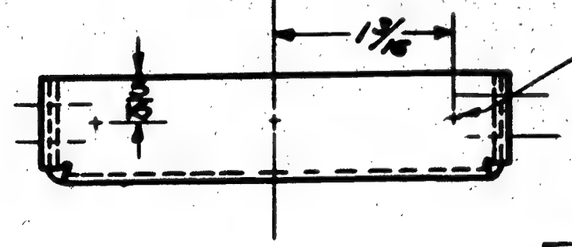
OPP. HAND 28E1008-1

SIZE B DWG. 28E1008

NOTE: THIS DRAWING SUPPLEMENTARY TO 28E015 & IS FOR SUB-CONTRACTORS USE ONLY

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-12-37	[illegible]
B	CHANGED HOLES TO PRICK PUNCH MARKS & RELOCATED	7-9-36	DAWN
C	ADDED 28E MW-40, -200, -201 (202 AS MFT ASSY)	3-22-37	[illegible]





(C)

EFF.	
"	W37-43 INCL.
"	W13-36 INCL W/C ON
EFF.	W1-12 INCL W44, W45

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-4	28E1011	1						
	PBY-3	28E1MW-80	1						
	PBY-2	28E1MW-201	1						
	PBY-2	28E1MW-200	1						
	PBY-2	28EMW-60	1						
	PBY-1	28E1011	1	AN4300 3	4		28EM302	1	

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED 5-10-37 DATE

CALC. WT. ACT. WT.

SCALE 12" = 1"

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

NAVY MOTED	MOTED	MOTED	ZP2AKV
MATERIAL	SPEC.	HEAT TREAT	FINISH

DRAFT [illegible] 2-9-37 CHECK EXAM. ENG.

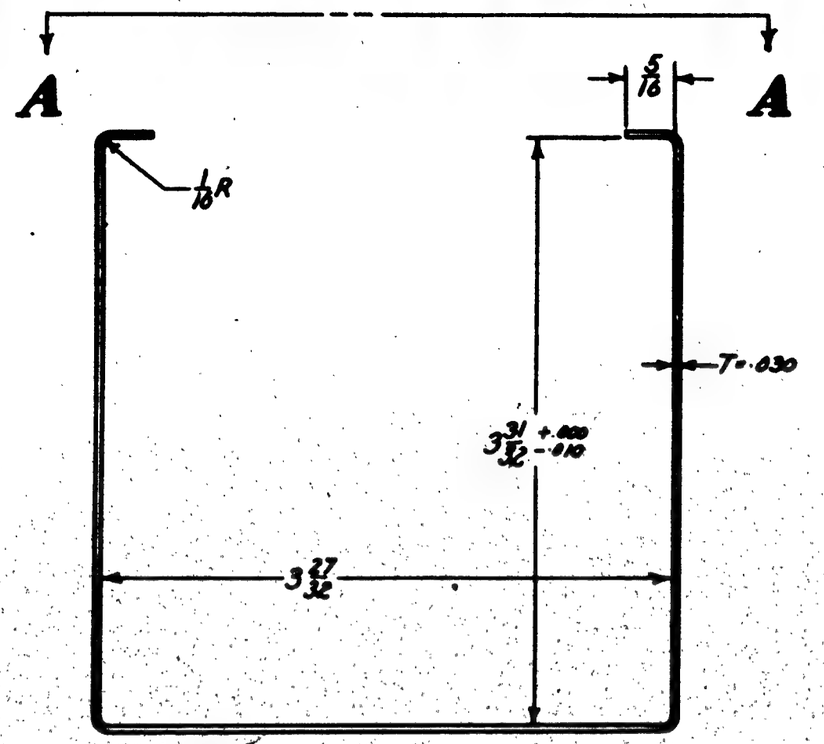
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

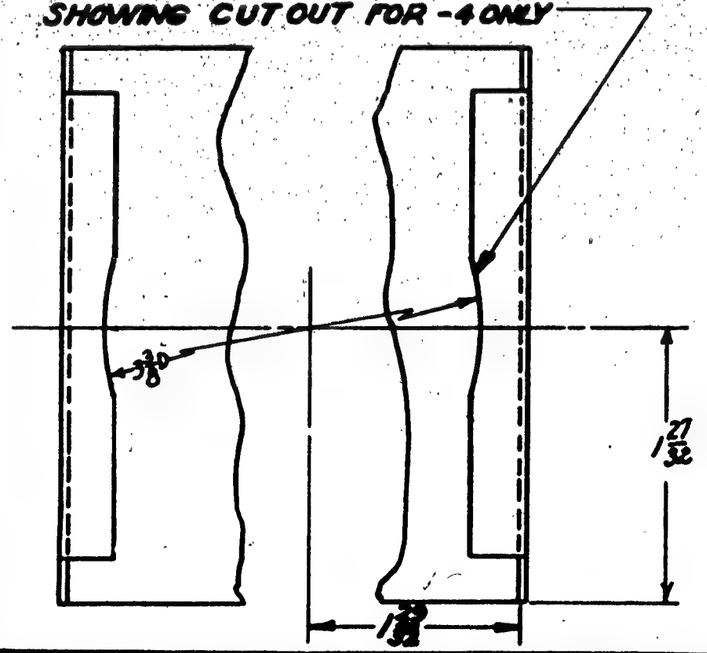
NAME BRACKET ASSY. -ELEC- COMPARTMENT LIGHT SUP.

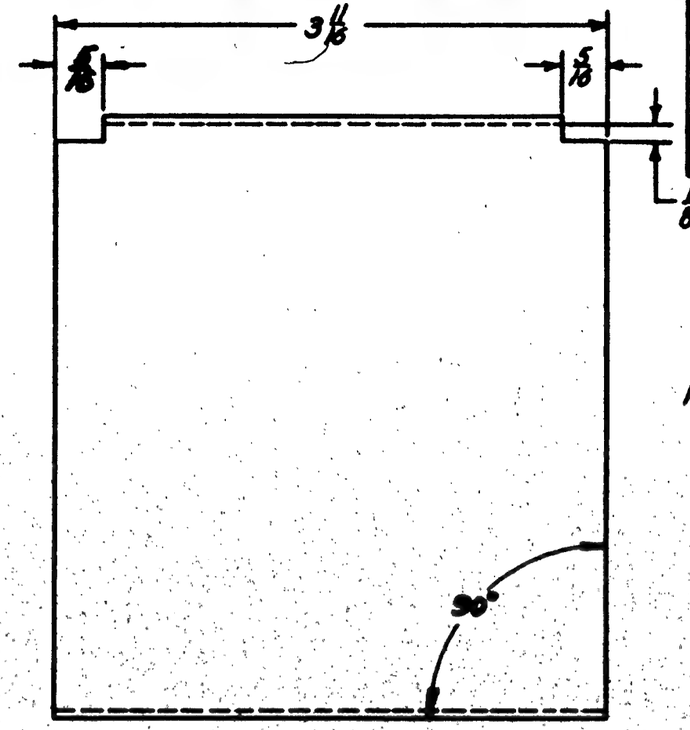
OPP. HAND

SIZE B DWG. 28E1030



VIEW **A-A**
SHOWING CUT OUT FOR -4 ONLY





SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED TO DATE	2-18-37	[illegible]
E	ADDED PBY-6 REQUIREMENTS	11/27/39	[illegible]

heavy duty
Conn

			-2	PBY-5A	28E1086	2									
			-3	PBY-4	[illegible]	1									
			-4	PBY-3	[illegible]	1									
			-2	PBY-3	[illegible]	4									
			-4	PBY-2	[illegible]	1									
-4	.19	CUT OUT	-2	PBY-2	[illegible]	10									
28E1085-2	.14 CRES	STRAIGHT	-4	PBY-1	[illegible]	1									
PART NO.	WT.	FLANGES	-2	PBY-1	[illegible]	8									
			-3	XPBY-1	[illegible]	1									
			-2	XPBY-1	[illegible]	1									

REPLACES															
REPLACED BY															
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010															
[redacted]															
APPROVED [redacted] DATE 2-16-37															
CALC. WT. NOTED	ACT. WT.	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.				
SCALE 12" = 1'-0"		REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.								
AC							Morris								
NAVY AC. ALLOY SPEC. 4220		4YAII Group A		NONE		NONE	2-24-37	2-16-37	M.A.C.						
MATERIAL		SPEC.		HEAT TREAT		FINISH	DRAFT	CHECK	EXAM.	ENG.					

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

NAME SHELL-ELEC.-JUNCTION BOX

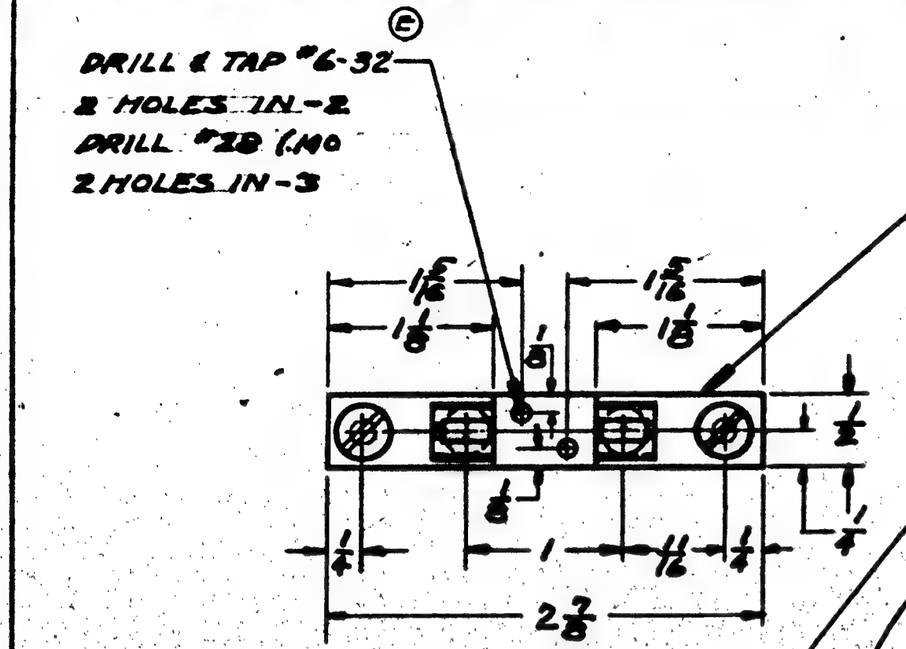
OPP. HAND NONE

SIZE B — 28E1085

Sullivan Blueprinting Co., Inc. Buffalo

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	7-8-37	R.A.
B	ADDED ALL REQS. PER AIRPLANE	7-16-37	[illegible]
C	28E2004-4 WAS 28E2004 FOR PBY-3		
	ADDED 28E2004-5 NEXT ASSY 2 REQ FOR PBY-3	8-6-37	Hansen
	ADDED IEA FOR 28E2010-13 & -14	8-8-37	Hansen
D	ADDED PBY-3 REQS. FOR 28E2004-6		
	PBY-3 REQS. FOR 28E2004-6 WAS "ALL SHIPS"	5-16-38	MILLER
E	NOTE WAS "DRILL & TAP "6-40	12-8-40	Dimond

PBY5



PBY-5B	28E6066	2	
PBY-5A5A	28E4047	2 ea	
PBY-5A5A	28E1166	1 ea	C-70496, C-77713, C-88476 "1-32-
PBY-3	28E2004-D	2	SHIPS 1-30 (0842-0871) INC. 40-66 (0901-0907) INC
PBY-4	28E2017-E	1	
PBY-4	28E2017-L	1	
PBY-2	28E2010-[illegible]	1	
PBY-2	28E2010-[illegible]	1	
PBY-2	28E2004-5	2	
PBY-3	28E2004-6	1	
PBY-2	28E2004-[illegible]	1	
PBY-3	28E4017-L	1	
PBY-3	28E4047-E	1	
PBY-2	28E2010-11	2	
PBY-2	28E2010-11	2	
PBY-2	28E2010-1	1	NAF 21301 2
PBY-2	28E2010	1	AN520B10 2
PBY-1	28E2017-1	1	AN520B10-5 2
PBY-1	28E1166	1	AN441CS 2

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
							28E1114-4	2	
							28E1114-3	1	
							28E1114-2	1	

SHIPS EFFECTING ON	
#37 - #48 INCL.	
#37 - #48 INCL.	
#37 - #48 INCL.	(C)
31-50 (0872 - 0900) INCL.	
#1-36 INCL. #46 ON	
ALL	
ALL	(B)
#1 - #12 INCL. #46 & #48	
#1 - #12 INCL. #46 & #48	
#13-36 INCL. #46 ON	
#13-36 INCL. #46 ON	

REPLACES

REPLACED BY

LIMIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

[redacted] 3-6-37 DATE

.06 CALC. WT. ACT. WT.

SCALE: FULL

REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.
AC		
NAVY NOTED	NOTED	NONE
MATERIAL	SPEC.	HEAT TREAT

NOTED

FINISH

	DRAFT	CHECK	ENG.	ENG.
HANSEN	3-9-38	3-9-38	5-5-38	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME BLOCK ASS'Y-ELEC-ENGINE TERMINAL BOX FUSE.

OPP. HAND

SIZE B

28E[illegible]

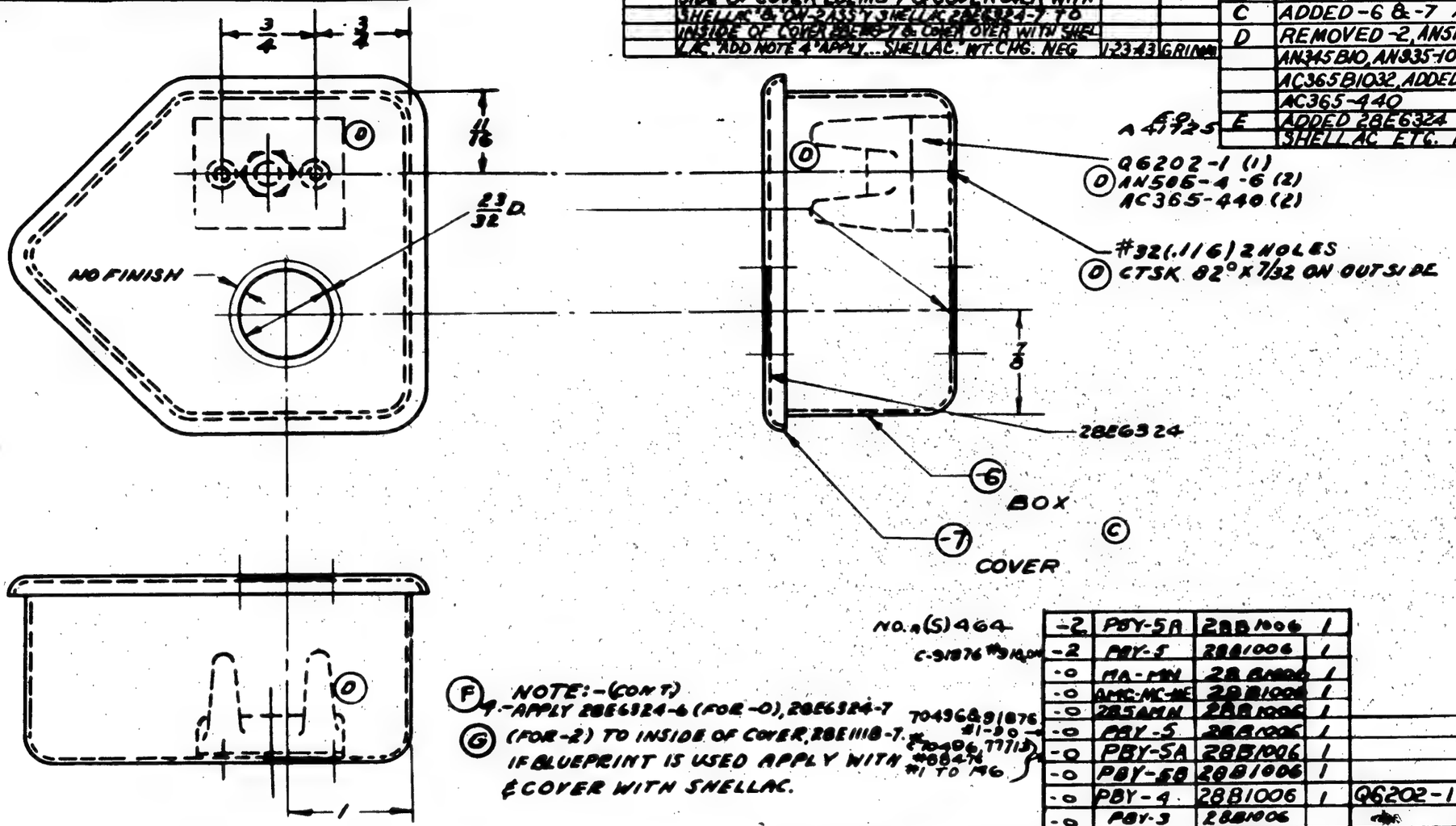
H	IN REQ/PLANE BLK. LIMITED PBYS-A			
	-0 ASS'Y TO C#70496, 77713 & 88476			
	#1 TO 146 ADDED FOR C NO A(S) 464			
	PBY-5A -2 ASS'Y NO WT. CHG.	8-23-43	SELECT	

E.O. A74945.

F	ON FACE & B/M CREATE -2 ASS'Y FOR PBY-5			
	C. B1817 & #918 ON. ADD. NOTE "ON -2 ASS'Y -			
	WITH SHELLAC WT. CHG. NEG.	1-23-43	GRIMM	
Q G	ON FACE REMOVED NOTE #4 "SHELLAC 28E6324 TO IN-			
	SIDE OF COVER 28E1118-7 & COVER OVER WITH			
	SHELLAC" & "ON -2 ASS'Y SHELLAC 28E6324-7 TO			
	INSIDE OF COVER 28E1118-7 & COVER OVER WITH SHE			
	LAC. ADD NOTE 4 "APPLY... SHELLAC. WT. CHG. NEG	1-23-43	GRIMM	

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-25-37	REINSCH
B	ADDED -2 & PBY-4 REQ.	1-21-38	McCABE
C	ADDED -6 & -7 AND NOTE	11-1-40	EDMISTON
D	REMOVED -2, AN510D6-4, AN510B10-14	1-2-42	MALLMAN
	AN345B10, AN935-10, AN960B10		
	AC365B1032, ADDED Q6202-1, AN505-4-6		
	AC365-440		
E	ADDED 28E6324 & NOTE "4."		
	SHELLAC ETC. NEG. WT. CHG.	6-2-42	GRIMM

28E1118



NOTE:-
1. DO NOT FINISH HOLE MARGINS OUTSIDE ONLY FOR 3/32 RADIAL DISTANCE
2. FINISH:- P.2 G.P. AFTER DRILLING
3. REMOVE ANODIC FILM AROUND HOLES FOR 3/32

© MAKE -6 BOX & -7 COVER FROM NAF 39922-10 BOX ASSEMBLY

NO. A(S) 464
C-31876 #1 TO 146

(F) NOTE:-(CONT.)
4.-APPLY 28E6324-6 (FOR -0), 28E6324-7
(G) (FOR -2) TO INSIDE OF COVER 28E1118-7. IF BLUEPRINT IS USED APPLY WITH #1 TO 146 70496 & 77713 #1-20 — #88476 #1 TO 146 & COVER WITH SHELLAC.

FINISH CODE	
Z	ANODIC TREATMENT
P	B27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

G.P. GREEN PRIME

-2	PBY-5A	28B1006	1					28E6324-7	-	1
-2	PBY-5	28B1006	1					28E6324-6	1	-
-0	MA-MN	28B1006	1					28E1118-7	1	1
-0	AMC-MC-ME	28B1006	1	AN505-4-6	2	2		28E1118-6	1	1
-0	28SAMN	28B1006	1	AC365-440	2	2				
-0	PBY-5	28B1006	1		-0	-2	PART NO.		-0	-2
-0	PBY-5A	28B1006	1		REQ.				REQ.	
-0	PBY-5B	28B1006	1							
-0	PBY-4	28B1006	1	Q6202-1	1	1				
-0	PBY-3	28B1006								
-0	PBY-2	28B1006		AN505-4-6	2	2				
-0	PBY-1	28B1006	1	AC365-440	2	2				
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQUIREMENTS PER AIRPLANE			PARTS LIST PER ASSY.		
MAT.										
								3-10-36		GREEN
NOTED		NONE		NOTED	NOTED			TIMMS 9-1-37	5-6-36	
SPEC.		HEAT TREAT		FINISH				DRAFT	CHECK	EXAM. ENG.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/64
APPROVED	L. Gill 2-25-37 DATE
CALC. WT. .17	ACT. WT
SCALE	12" = 1'-0"
AC	
NAVY NOTED	
MATERIAL	
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.	
STAMP PT. No. WHERE SHOWN	

NAME: BOX ASSEMBLY-ELEC. FIN JUNCTION

OPP. HAND

DWG B SIZE 28E1118

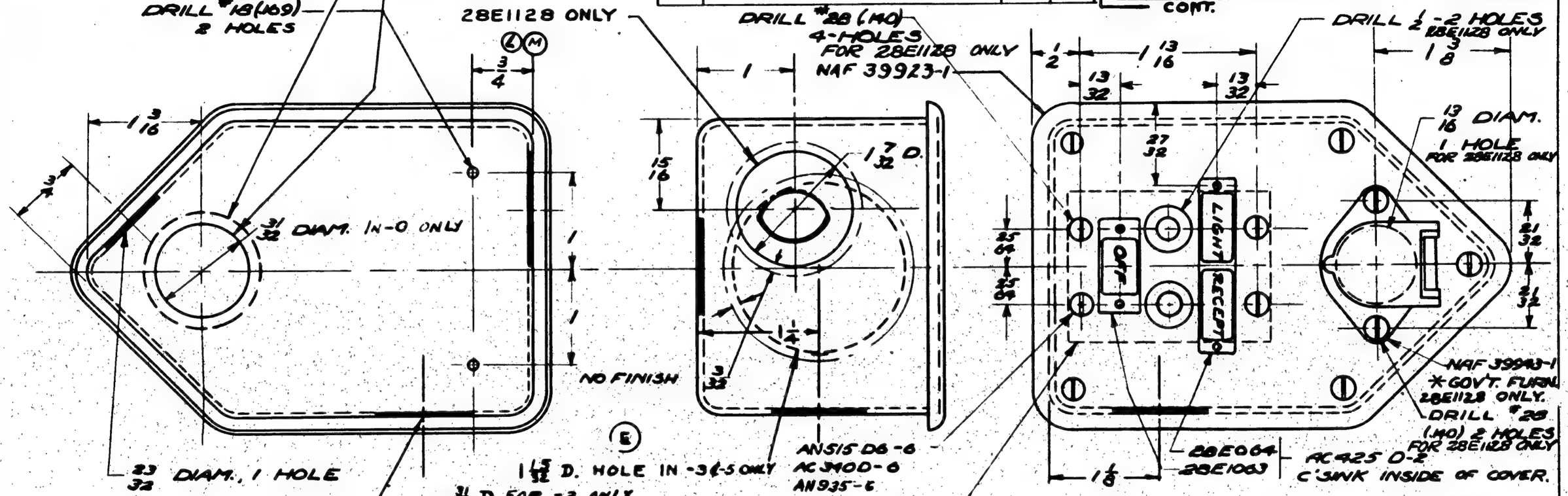
R

I	-5 NEXT ASSY 28E1013-202 WAS -201. REQUIRED		
	NAF 213034-1 2 REQ.; NAF 310191-2 1 REQ; AC425D-2		
	AN 3406B, AN515-D6-6 4 EA REQ FROM -3 & -5	10-20-37	Klumb
J	ADDED PBY-4 REQ.	1-24-38	McC.
K	ADDED NOTES "FOR 28E1128 ONLY"	11/28/38	McC.

E	1 25/32 & 1 1/32 D. HOLES IN -3		
	ASSM. WERE 1 3/32 & 31/32 ON PBY-1	4-8-37	VINCI
F	RECEPTACLE TYPE C-34, -2; WAS TYPE C-34		
G	-5 WAS -3 ASSY FOR PBY-3. ADDED HOLE FOR		
	-3 & -5 ASSYS. 1/8 D HOLE IN -3 & -5 ONLY		
	WAS 1 3/32 D IN -3 ONLY	8-9-37	Klumb
H	28E1013-201 WAS 28E1013 FOR PBY-2&3	8-9-37	Harris

Ca 5160
Ca 6318

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED UP TO DATE.	2-27-37	Bush
C	NAF 310191-1, TYPE C-3 RECEP.		
	FOR PBY-2 & -3 WAS NAF 39943-1		
	FOR PBY-1. ADDED -3 FOR		
	PBY-2 & -3 ASS'M.	3-20-37	VINCI
D	ADDED TAB. FOR -3	4-1-37	McC.
	CONT.		



NOTES :-

1. FINISH :- R, 2 G.P AFTER DRILLING.
2. DO NOT FINISH CONDUIT HOLES MARGINS, OUTSIDE ONLY, FOR 3/32 RADIAL DISTANCE.
3. REMOVE ANODIC FILM AROUND HOLES FOR 3/32.

G.P-GREEN PRIME

FINISH CODE	
Z	ANODIC TREATMENT
P	A-17 PRIMER
AP	ALUMINIZED PAINT
C	CADMIUM PLATE

D	M	3/4 DIM. FROM SIDE OF BOX.		
		WAS FROM COVER	2-12-42	Bartels
	L	3/4 WAS 5/8 LOCATING 28 DRILL HOLES	4-8-41	Olsen

P.O. No. 26-SALE 36577 cc

SULLIVAN-MERRIMAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

					AN935-6	4				
-5	PBY-5A	28E1013	1	NAF 39923-1	1	1			
-5	PBY-5	28E1013-1320	*	NAF 39943-1	1				
-5	PBY-4	28E1013-203	1	NAF 213030-1	2				
-5	PBY-3	28E1013-202	1	AC 425 D-2	4				
-3	PBY-2	28E1013-201	1	AC 3400-6	4		28E064	1	
-0	PBY-1	28E1013	1	AN 515 D6-6	4		28E1003	1	
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	-5 REQ	-3 REQ -5	PART NO.	-5 REQ	-3 REQ -5

REPLACES				
REPLACED BY				
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32			
APPROVED	2-27-37 DATE			
CALC. WT. .69	ACT. WT.			
SCALE 1" = 1'0"				
AC				
NAVY NOTED	NOTED	NONE	NOTED	
MATERIAL	SPEC.	HEAT TREAT	FINISH	

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

	DRAFT	CHECK	EXAM.	ENG.
	3-3-37	GREEN		

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

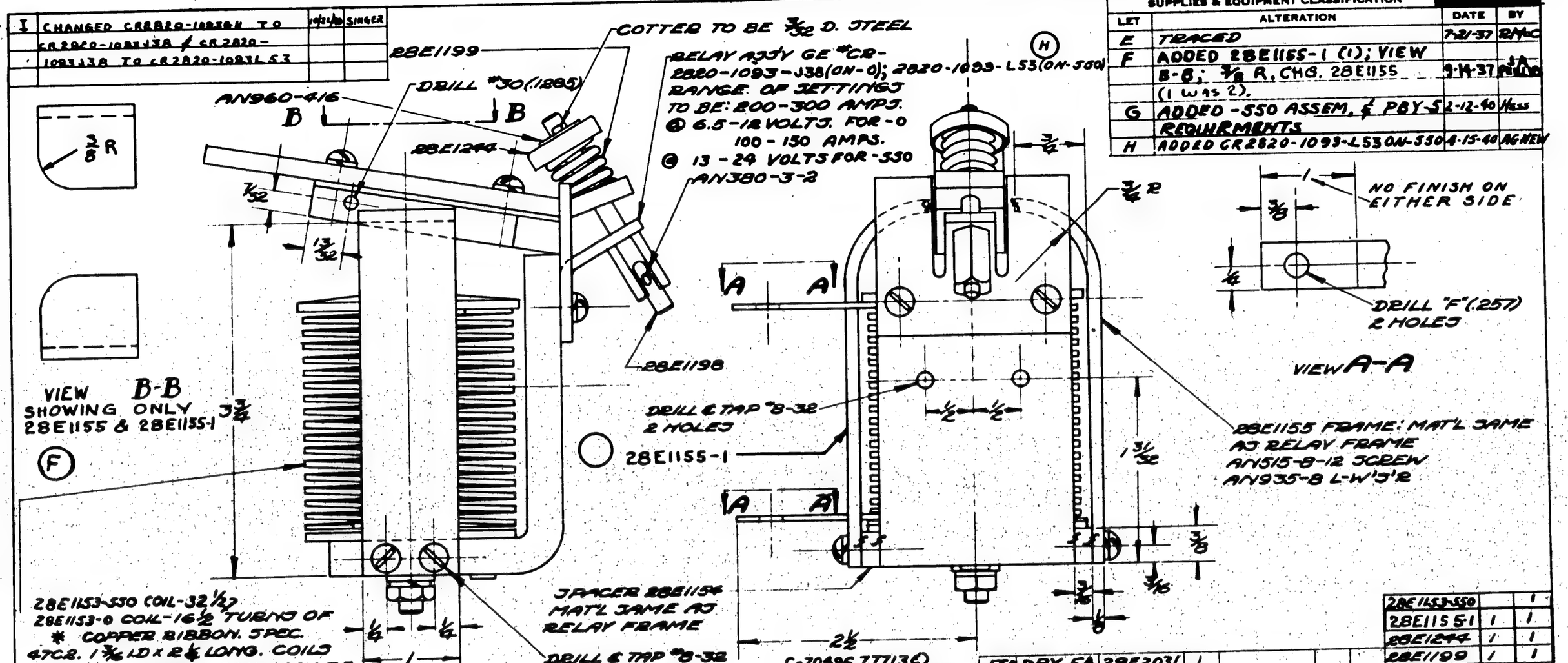
NAME: BOX ASSEMBLY-ELEC BULKHEAD NO. 4 SWITCH

OPP. HAND

SIZE B — DWG. 28E1128

I	CHANGED CR2820-1093BN TO CR2820-1093J38 & CR2820-1093J38 TO CR2820-1093L53		

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
E	TRACED	7-21-37	RMcC
F	ADDED 28E1155-1 (1); VIEW B-B; 3/8 R. CHG. 28E1155 (1 WAS 2).	9-14-37	[illegible]
G	ADDED -550 ASSEM. & PBY-5 REQUIRMENTS	2-12-40	Hess
H	ADDED CR2820-1093-L53 ON-550	4-15-40	AGNEW



								28E1153-550	1
								28E1155-1	1
								28E1244	1
								28E1199	1
								28E1198	1
								CR2820	1
								28E1153	1
								28E1155	1
								28E1154	2
-550	PBY-5A	28E2031	1					PART NO.	-0 / -550
-550	PBY-5	28E2031-550	1						Req.
	PBY-4	28E2031		AN960-416	1				
	PBY-3	28E2031		AN380-3-2	2				
	PBY-2	28E2031		AN935-8	4				
	PBY-1	28E123		AN515-8-12	4				
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.			

REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.
AC				
NAVY NOTED	NOTED	NONE	NOTED	
MATERIAL	SPEC.	HEAT TREAT	FINISH	

DRAFT	CHECK	EXAM.	ENG.	
McCABE	[illegible]	Miller		
7-14-36	7-28-37			

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED 7-21-37 DATE

3.93 CALC.WT. ACT.WT.

SCALE 12"-1'-0"

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME RELAY ASS'Y-ELEC-
G.E. "CR2820-1093-J38 ON-0
G.E. "CR2820-1093-L53 ON-550

OPP. HAND

DWG B

28E1129

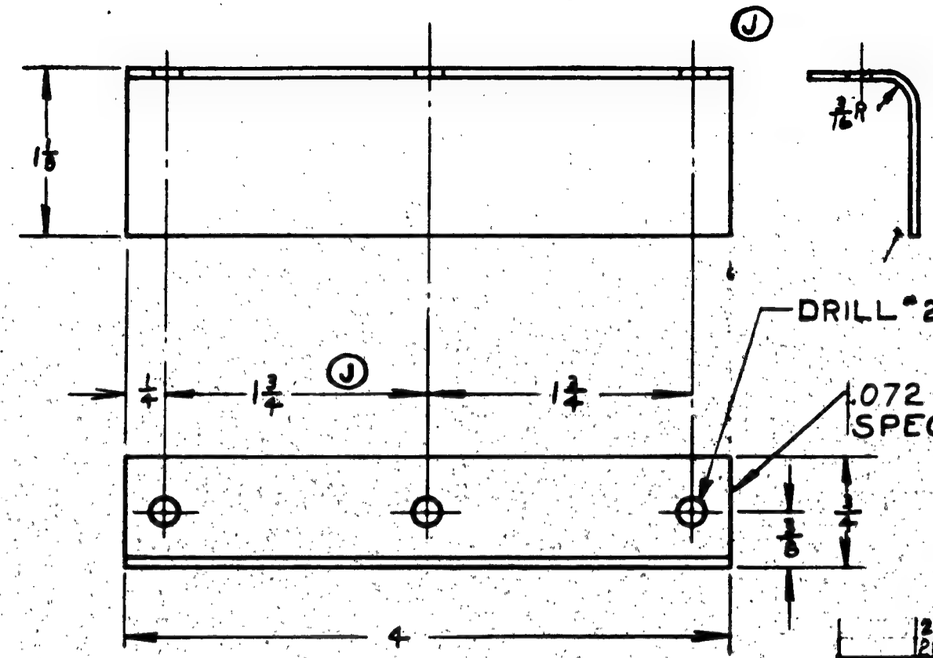
FINISH NOTE

CAD. PLATE ALL STEEL PARTS EXCEPT WHERE MARKED 'f'
BLACK ASPHALT VARNISH. 2 COATS ON COPPER COIL EXCEPT AS NOTED

MAY BE PURCHASED FROM GENERAL ELECTRIC CO.

BRUNING-MICHIGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

LET	ALTERATION	DATE	BY
H	TRACED	5-15-43	KOBUSCH
J	ON FACE ADDED DIMS 1 3/4 (2 PLACES)		
	1 1/4, REMOVED "PRICK PUNCH +"		
	PLACES" & DIMS FOR SAME (NO WT CHG)	5-15-43	KOBUSCH



	28-5AMN	28C004	
	28-5AMC	28C004	
	28-5ME\5MN	28C004	1 EA.
	28-5MA\5MC	28C004	1 EA.
	PBY-5A\B	28C004	1 EA.
	PBY3 & 4\5	28C004	1 EA.
	PBY-1 & 2	28C004	1 EA.
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ'D.

REQUIREMENTS PER AIRPLANE

REPLACES 28E1139 OF 8-3-37 — 5-4-43 CALC. WT. 105 ARN.

REPLACED BY — ACT. WT.

UNLESS OTHERWISE SPECIFIED ± .010 — SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
	.072 X 2 X 4 1/8	NOTED	NOTED										

PARTS LIST PER ASSY.

AC		McDOUGAL	Halsey	Everett	Pickett		
NAVY NONE	Z-P	8-3-37	8-4-37	Ehrlich			Crowley
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

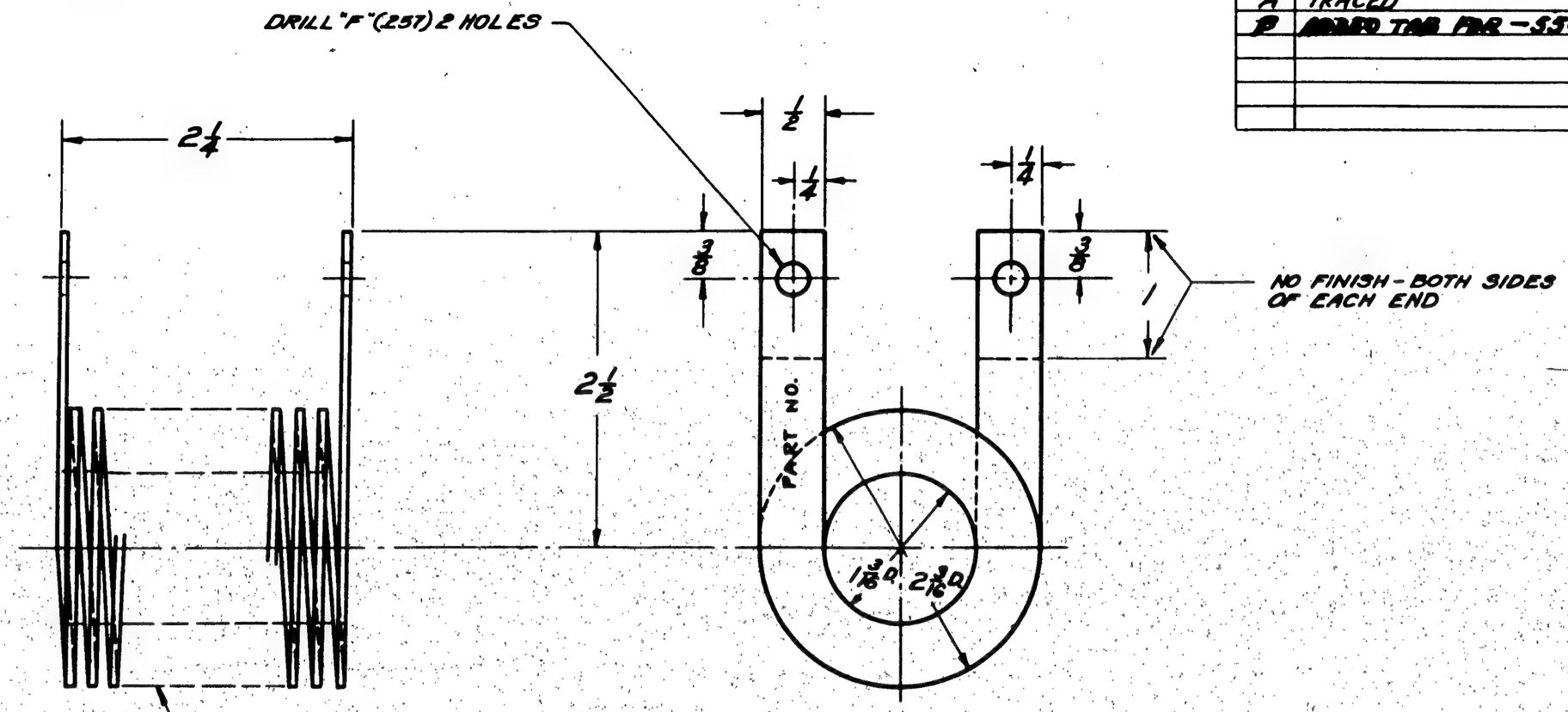
NAME SUPPORT-ELEC. SIGNAL BOX L.H

OPP. HAND NONE

CONSOLIDATED VULTEE AIRCRAFT CORP. SAN DIEGO DIVISION . . SAN DIEGO, CALIF.

DWG. B SIZE 28E1139

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-21-36	THORPE
B	ADDED TAB FOR -550 ASSEM	2-12-40	HKH



C-70496, C-77713 & C-8847 (1 THRU 52)

DEVELOPED LENGTHS GIVEN BELOW ARE APPROX. ONLY

	*		
-550	32 1/2	1/32	179"
-0	16 1/2	1/16	92"
-NO.	NO. TURNS	THICK.	LENGTH

-550	PBY-5A	28E1129	1						
-550	PBY-5	28E1129-550	1						
	PBY-4	28E1129	1						
	PBY-3	28E1129	1						
	PBY-2	28E1129	1						
	PBY-1	28E1129	1						

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED [signature] DATE 12-21-36

CALC.WT. .33 ACT.WT.

SCALE 12" = 1'-0"

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC

NAVY SOFT COPPER | 47C2 | NONE | 2 BLACK ASPHALT VARNISH

MATERIAL | SPEC. | HEAT TREAT | FINISH

	CORRIGAN		MILLER	R.
DRAFT	6-21-36	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME

COIL - ELEC. - FLOAT SWITCH

OPP. HAND

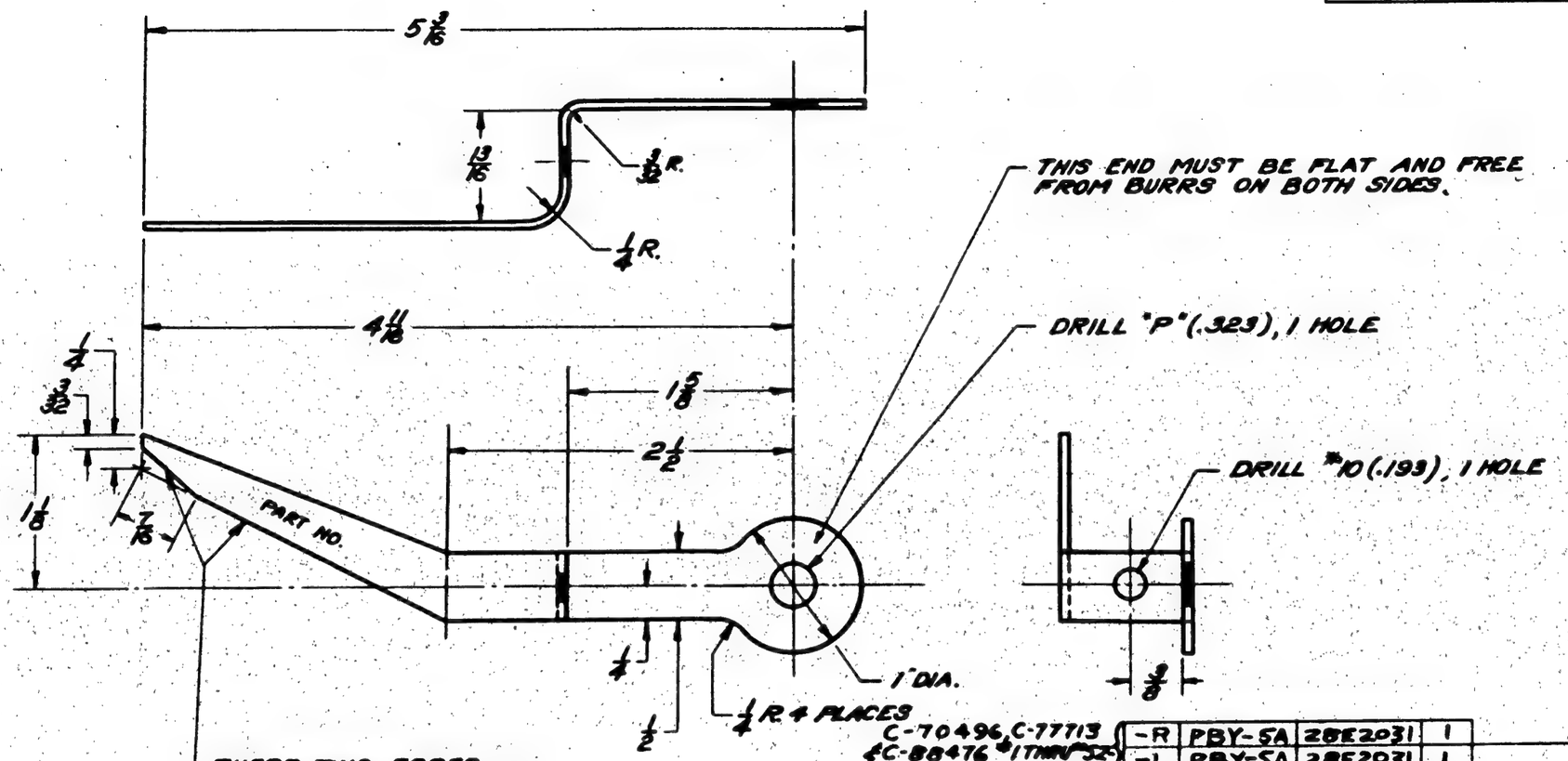
DWG SIZE B

28E1153

PURCHASE FROM GENERAL ELECTRIC CO. AS PART OF ASSEMBLY 28E1129.

CONSOLIDATED-VULTEE CO., BUFF. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-23-36	[illegible]



C-70496, C-77713 & C-88476 .1 THRU .32

LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	ST'D PARTS	MAT.	O.H.	MODEL	NEXT ASSY.	REQ.
	1	-R						PBY-5A	28E2031	1
1		-L						PBY-5A	28E2031	1
	1 EA	-0,-1						PBY-9	28E2031	1 EA
	1 EA	-0,-1						PBY-3	28E2031	1 EA
	1 EA	-0,-1						PBY-2	28E2031	1 EA
	1	-1						PBY-1	28E129	1
	1							PBY-1	28E129	1

REQUIREMENTS PER AIRPLANE | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED [illegible] 12-23-36 DATE

.05 CALC. WT. | ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY .063 SHEET C.R. STEEL | 47-S-14 | NORMALIZE | CAD. PLATE ONLY

MATERIAL | SPEC. | HEAT TREAT | FINISH

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

CORRIGAN		MILLER	R.
6-22-36			
DRAFT	CHECK	EXAM.	ENG.

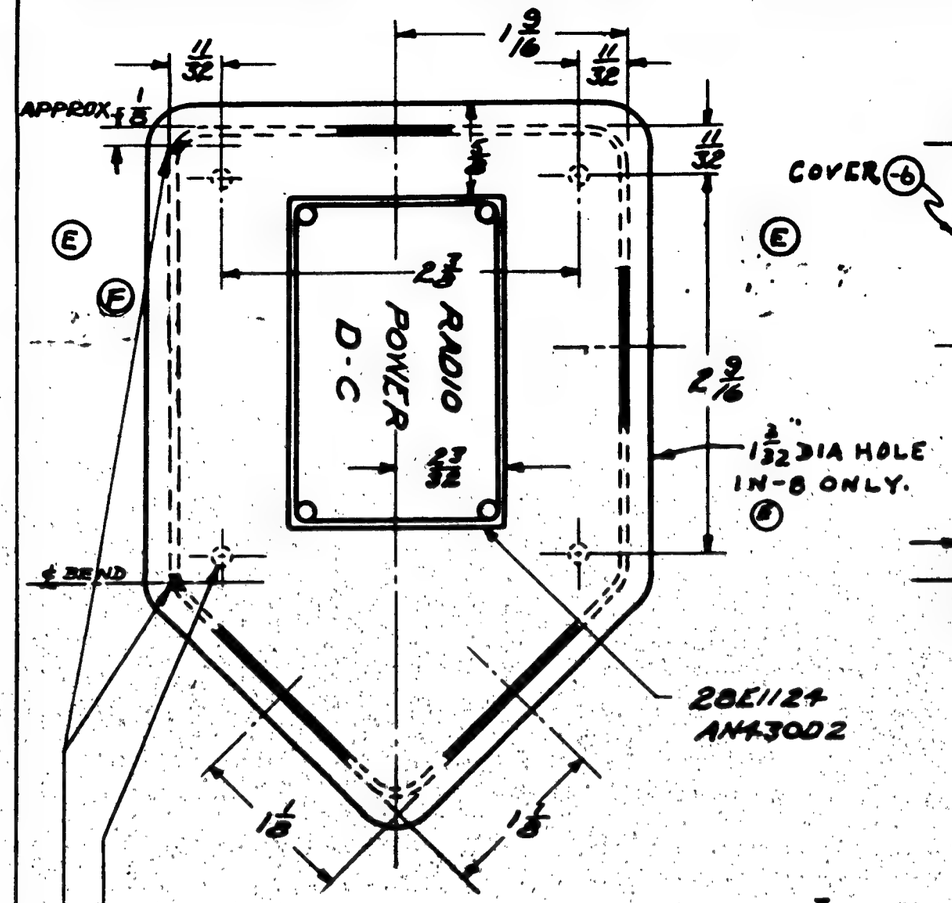
OPP. HAND 28E1158-1

NAME ARM-ELECT.-FLOAT SWITCH RETURN

DWG. B SIZE 28E1158

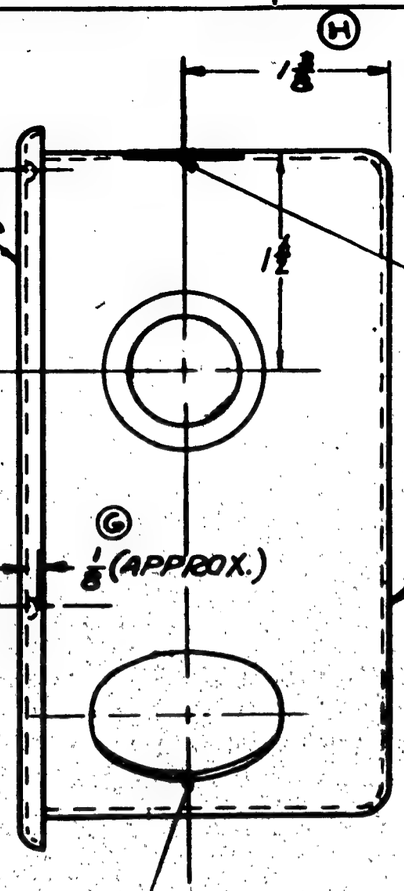
SULLIVAN-McKEEHAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED	2-25-42	L.D.M.
E	28E1162-2 ASS'Y CREATED WITH ADD OF ONE DIA. HOLE - 23/32 I 1 3/32 - 28E1162-0 ORIGINAL	4-11-41	REMOVED
F	IN B/M CHG'D 28E114 TO 28E1124 REMOVED 23/32 DIA. HOLE FOR -2 ASS'Y	4-26-42	CORRECT
G	ADDED 1/8 (APPROX.) NOTCH	"	"
H	CHG'D DIM. 1 3/8 WAS 1 5/8 (NEG. WT. CHG.)	7-1-42	SLIGHT



DRILL "28 (140) 4 HOLES TO MATCH NAF 39955-1 (REF.)

G NOTCH (APPROX 1/8) WITH #4 RAT-TAIL FILE FOR WATER DRAIN



DRILL 1 1/32 DIA. 2 HOLES IN BOX

PBY-5A - OA-10 - E.O. 82794

E.O.A 18619

E E.O.A 46035
DRILL 23/32 DIA. HOLE IN BOX -7 & -8

BOX F -7 ON -0 ASS'Y } MAKE FROM
-8 ON -2 ASS'Y } NAF 39923-1- BOX ASS'Y.

NOTE:
DO NOT FINISH HOLE MARGINS ON OUTSIDE FOR 1/32 RADIAL DISTANCE

G.P. GREEN PRIME

	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	-8 REQ.	-9 REQ.
-0		PBY-5	28E1017	1						
-2		PBY-5A	28E1017	1						
		PBY-4	28E1017	1				28E1124	1	1
		PBY-3	28E1017-80	1				-8		1
		PBY-2	28E1017-20	1	AN43002	4		-7	1	
		PBY-1	28E1017	1				-6	1	1

REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.			
				HARRIS		MILLER	L
NAVY NOTED	NOTED	NONE	P-2 G.P.	8-16-36	2-23-37		
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12"=1'-0"

AC

NAVY NOTED

MATERIAL

.51 CALC.WT. ACT.WT.

LCW APPROVED 2-25-42 DATE

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME
BOX - ELEC. - D.C. JUNCTION

OPP. HAND NONE

SIZE B

28E1162

SULLIVAN-GARDNER CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

ROUND OFF CORNER ($\frac{3}{32}$ RADIUS) ON -10 BLOCK ONLY

FOR -2 TO -7 INC.

AN 510-B10-16	1 REQ.
AN 345-B10	1 -
AN 935-10	1 -
AN 960-10	1 -
AC 365-B1032	1 -

FOR -0, -1 ONLY

AC 325BA	1 REQ.
AN 510-B416-16	1 -
AN 935-416	1 -
AN 960-416	1 -
AC 365-B428	1 -

DRILL $\frac{1}{4}$ HOLE; C'SK. .82" x $\frac{1}{2}$ D.

GRIND $\frac{1}{4}$ SCREW HEADS USED ON -0 & -1, -8 THAT MAX. HEAD DIA. IS NO LARGER THAN THAT OF #10 SCREW. (J)

END OF -9 & -10 ASSEMS.

FOR -8 ONLY (K)

AC 32584	1 Req.
AN 510-B416-20	1 -
AN 935-416	1 -
AN 960-416	1 -
AC 365-B428	1 -

DRILL $\frac{1}{4}$ HOLE; C'SK. .82" x $\frac{1}{2}$ D.

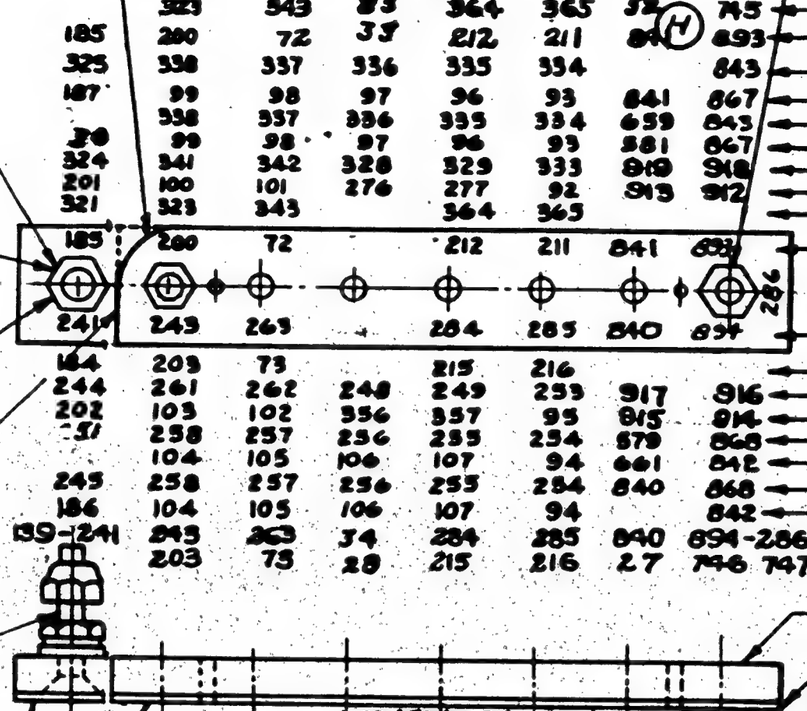
SAND OFF GLAZE, & GLUE 28E2018-3 TO 28E2018-2 & 28E2018-5 TO 28E2018-4

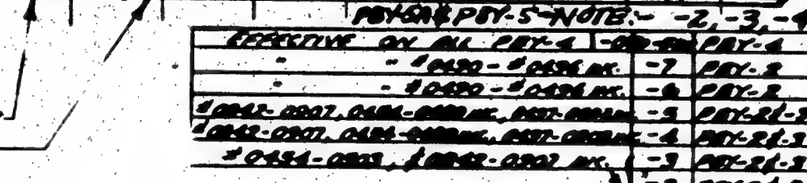
FOR -0 TO -10 INC.

AN 510-B10-16	7 REQ.
AN 345-B10	7 -
AN 935-10	7 -
AN 960-10	7 -
AC 365-B1032	7 -

NOTE: STAMP I/D NUMERALS ON GLAZED SURFACE, & FILL WITH WHITE PAINT.

C.O. 7429





PBY-5A & PBY-5 NOTE:- -2, -3, -4, -5, -9, & -10 FOR 28E2011-550 ONLY

EFFECTIVE ON ALL PBY-5A	-0 & -1 REQ.	PBY-5	28E2011	I.R.
-	#28420 - #28436 INC.	-7	PBY-5	28E2011-7
-	#28420 - #28436 INC.	-6	PBY-5	28E2011-7
#28437-28507, 28438-28508 INC.		-5	PBY-5A-5	28E2011-5 & -6
#28437-28507, 28438-28508 INC.		-4	PBY-5A-5	28E2011-5 & -6
#28434-28505, & 28439-28509 INC.		-3	PBY-5A-5	28E2011-4
		-2	PBY-5A-5	-
		-1	PBY-5A-5	-
		-0	PBY-5A-5	-

28E2017 OF 10 DWGS.	XCG	10-20-37	
REPLACES	APPROVED	DATE	
REPLACED BY	.24 CALC. WT.	ACT. WT.	
LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED	12" = 1'-0" SCALE		

O.H.	MODEL	NEXT ASSY.	REQ.	PARTS	LH REQ.	RH REQ.	PARTS
2-3-4-8-9-6-10	PBY-5A	28E2011	1 EA.				

PARTS	MODEL	NEXT ASSY.	REQ.
AC 325C-BA428	7	7	7
AN 960-416	1	1	1
AN 935-416	1	1	1
AC 365-B428	1	1	1
AC 325-BA	1	1	1
AN 510-B416-16	1	1	1
AN 510-B416-16		1	1
28E2018-5		1	1
28E2018-4		1	1
AN 960-10	7	7	7
AN 935-10	7	7	7
AN 345-B10	7	7	7
AN 510-B10-16	7	7	7
28E2018-3	1	1	1
28E2018-2	1	1	1

REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.	-0-1	-2-7	-8	-9-10	
AC							
NAVY NOTED	NOTED	NONE	NOTED				
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STOCK PT. NO. WHERE SHOWN

NAME BLOCK ASSY. ELEC. - WING JUNCTION BOX

OPP. HAND

DWG. B SIZE 28E2017

MATERIAL NOTE: (L)
IT IS PERMISSIBLE TO USE THE FOLLOWING PARTS AS ALTERNATES
AC325-4 TO REPLACE AC325-B4.
AN345-10 TO REPLACE AN345-B10.
AC365-428 TO REPLACE AC365-B428.
AN510-416-20 TO REPLACE AN510B416-20
AN510-10-16 TO REPLACE AN510-B10-16.
AC365-1032 TO REPLACE AC365-B1032
AN510-416-16 TO REPLACE AN510B416-16

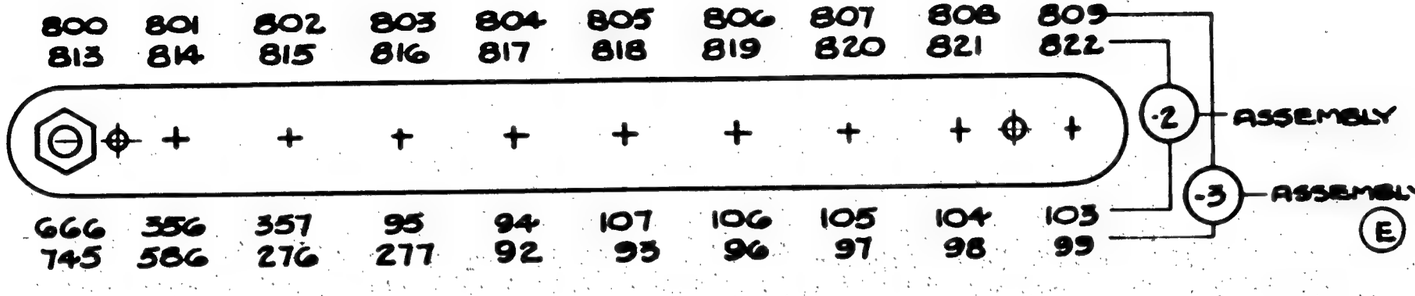
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
G	TRACED UP TO DATE	1-28-38	[illegible]
H	ADDED 445, (53, 444 444) TO -3; ADDED SOL.		
	581, 585 & 579 TO -2 ADDED 835, 28 & 874 TO -0	2-8-38	HARRIS
I	ADDED: ON -5, 842, 843; ON -4,		
	867, 860; ON -0, 840, 841	6-17-38	[illegible]
	REMOVED 665 & 446 FROM -3		
J	ADDED -81-9 FOR -550 REQ. (PBY-5)	11-29-38	[illegible]

L	ADDED MAT'L NOTE "IT IS PERMISSIBLE --- AN510-B416-16"	2-10-43	
	MISSIBLE --- AN510-B416-16"		
K	REVISED -9 ASSY. FOR 28E2011-550 ONLY. 9-9-40		
	REPLACING 28E2018-2 WITH 28E2018-5		
	& 28E2018-3 WITH 28E2018-5. ADDED		
	-10 ASSY. REPLACING -5 ASSY. FOR PBY-5		
	1H-7 ASSY., REPLACED AN510-B416-16		
	WITH AN510-B416-20. CANCD. B/M.'S		
	TO SUIT.		
LET.	ALTERATION	DATE	BY

PRINTED ON "UNIVERSAL" TRACING CLOTH FALCO, N.Y.

LET	ALTERATION	DATE	BY
B	TRACED	1-27-38	SMALL
C	ADDED PBY-5 REQMTS.	11/21/39	KELLUM
D	CHANGED AN960D10 TO AN960B10	10/29/40	SINGER
E	ADDED MAT'L NOTE:	12-11-42	LEE

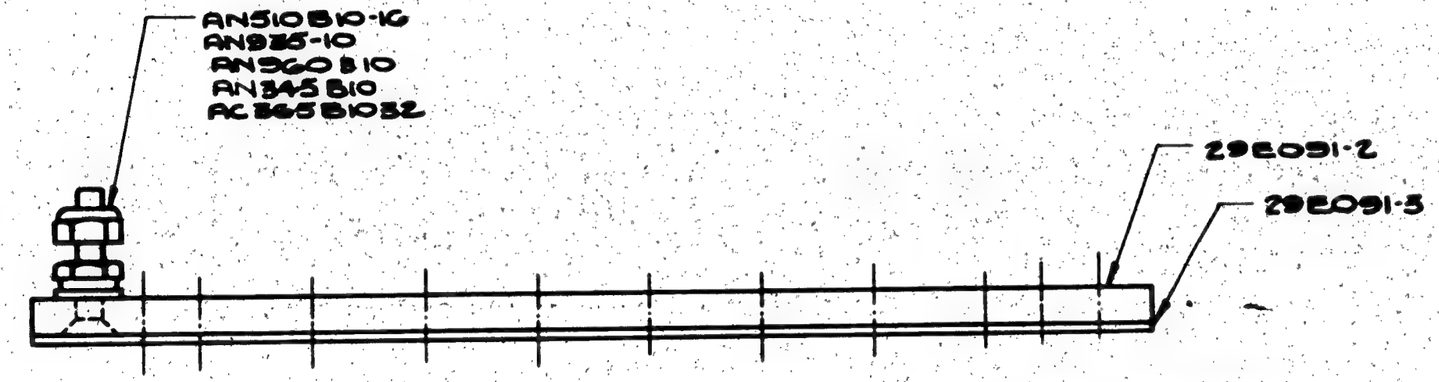
PBY-5



NOTE: STAMP 1/8 NUMERALS ON GLAZED SURFACE & FILL WITH WHITE PAINT. SAND OFF GLAZE & SHELLAC 29E091-2 TO 29E091-5

(E) MAT'L NOTE: IT IS PERMISSIBLE TO USE THE FOLLOWING PARTS AS ALTERNATES:

AN51010-16	TO REPLACE	AN510B10-16
AN96010	TO REPLACE	AN960B10
AN34510	TO REPLACE	AN345B10
AC3651032	TO REPLACE	AC365B1032



O.H.	MODEL	NEXT ASSY.	REQ.
-2	28-5AMC	28E1166	1
-3	28-5AMC	28E1166	1
-2	28-5MN	28E1166	1
-3	28-5MN	28E1166	1
-2	28-5MF	28E1166	1
-3	28-5MF	28E1166	1
-2	28-5MG	28E1166	1
-3	28-5MG	28E1166	1
-2	28-5MA	28E1166	1
-3	28-5MA	28E1166	1
-2	OA-10	28E1166	1
-3	OA-10	28E1166	1
-2	PBY-5	28E1166	1
-3	PBY-5	28E1166	1
-3	PBY-5A	28E1166	1
-2	PBY-5A	28E1166	1

C-70496 & C-91876 #1 THRU #90

C-70496 C-77713 & C-88476 #1 THRU #52

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED: V32

LCW APPROVED 7-9-37 DATE

CALC. WT. 23 ACT. WT.

SCALE 12"=10"

[redacted]

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	-2 REQ.	-3 REQ.	PART NO.	-2 REQ.	-3 REQ.	LH	RH	LH	RH	LH	RH	LH	RH
-3	PBY-4	28E1166	1														
-2	PBY-4	28E1166	1	AC365B1032	10	10											
-3	PBY-5	28E1166	1	AN345B10	10	10											
-2	PBY-5	28E1166	1	AN960B10	10	10											
-3	PBY-5	28E1166	1	AN925-10	10	10	29E091-3	1	1								
-2	PBY-5	28E1166	1	AN510B10-16	10	10	29E091-2	1	1								

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC				7-1-37 / 7-9-37
NAVY NOTED	NOTED	NONE	NOTED	Legrand / McCabe / Hoffert / R
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT / CHECK / EXAM. / ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. NO. WHERE SHOWN

NAME BLOCK ASSEM. - ELEC.

FLOAT SWITCH BOX - #10 & 10 TERMINAL

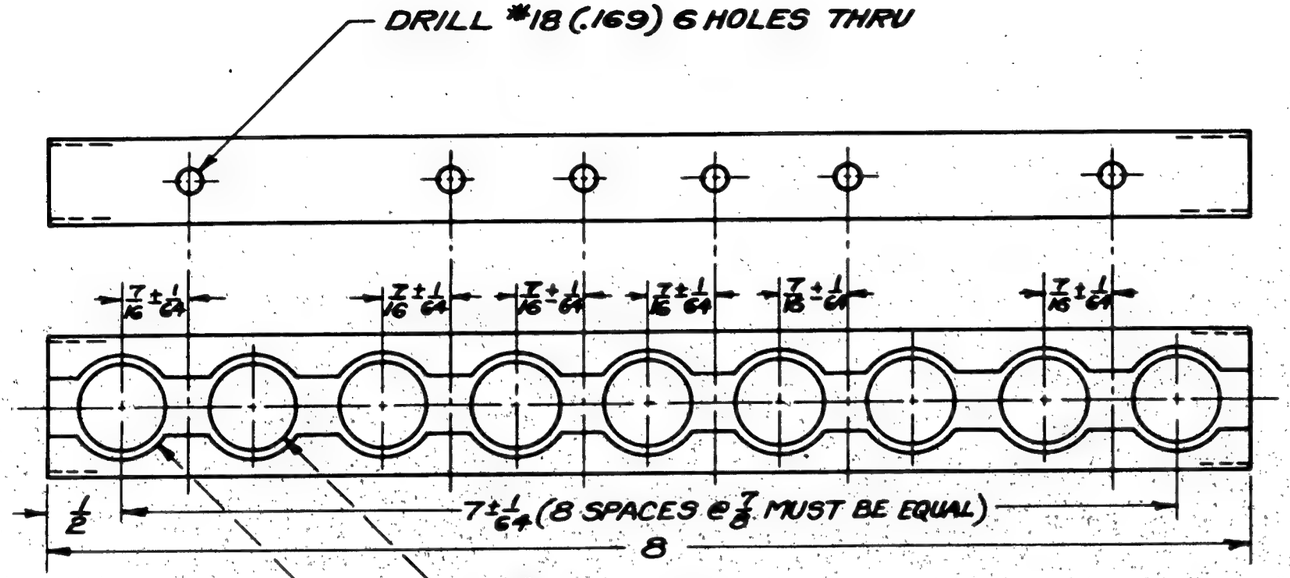
OPP. HAND

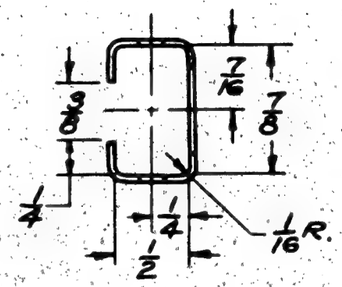
DWG. B SIZE

28E2036

PRINTED ON "IMPERIAL" TRACING CLOTH KEUFFEL & ESSER CO., N. Y.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	2-2-38	[redacted]
C	CHANGED MATL FROM "ST", TO "SO"	6-3-40	ZEIGLER





BAV-BLACK ASPHALT VARNISH

	PBY-5A	28E5771	1
	PBY-5A	28EC054	1
	PBY-5A	28E2049	1
	PBY-5A	28E5015	1
	PBY-5	28E2049	
	PBY-5	28E5015	
	PBY-4	28E2050	1
	PBY-4	28E2049	1
	PBY-3	28E2050	1
	PBY-3	28E2049	1
	PBY-2	28E2050	1
	PBY-2	28E2049	1
	PBY-5B	28E6054	2

C-88476 SHIPS 53 EON

FINISH	
B	
C	[redacted]

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.												
AC												PHILLIPS	PILCHER	H.W.H	R.		
NAVY .040 AL ALLOY SHEET (24ST)		47A10 COND. "A"		SR-53 COND'T"		Z-P-2 BAV						3-5-37	3-6-37				
MATERIAL		SP.		HEAT TREAT		FINISH						DRAFT	CHECK	EXAM.	ENG.		

REPLACES	[redacted] 2-2-38 APPROVED DATE
REPLACED BY	.06 CALC. WT. / ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12" = 1'-0"

[redacted]

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME
SUPPORT-ELEC.-PILOT'S SIGNAL BOX LAMP SOCKET

OPP. HAND

DWG. B SIZE

28E2055

PRINTED ON "IMPERIAL" TRACING CLOTH

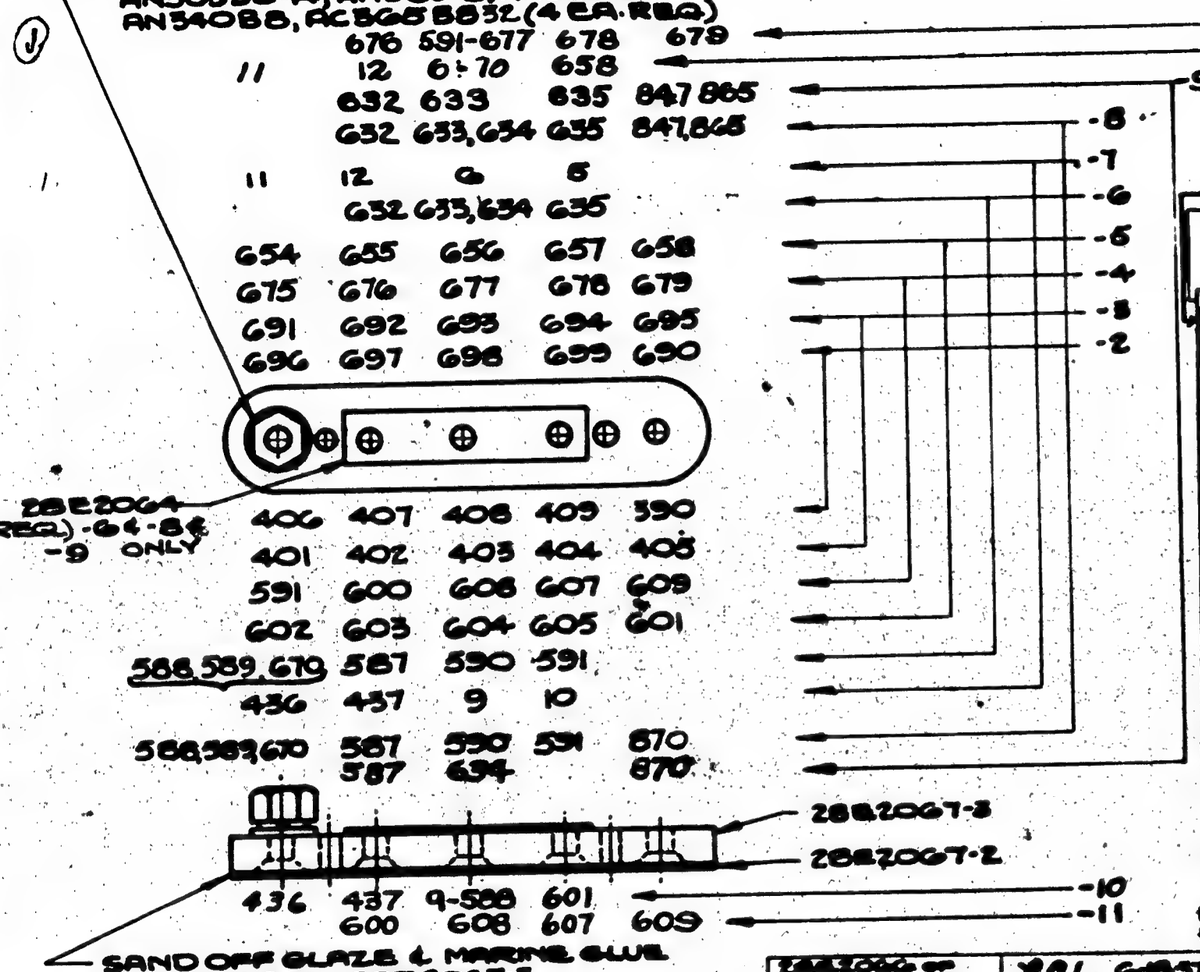
NOTE: FOR PBY-2, -6 EFF. ON SHIPS *0454-*0489 INCL. & *0497-*0503 INCL.; -8 EFF. ON SHIPS *0490-*0496 INCL. ONLY.

INCORPORATES PBY-2 CHANGE "EE"

CO. 7428

LET	ALTERATION	DATE	BY
E	TRACED	1-27-38	
F	REVISED PBY-3 & PBY-4 REQS. FOR -6 & -8; -6 WAS USED ON ALL PBY-3 & PBY-4 SHIPS, -8 WAS USED ON NO PBY-3 OR PBY-4 SHIPS	6-17-38	
G	ADDED -9, -10, -11 ASSEM. PBY-5 REQ'M'TS.	11-30-38	
H	-13 & -13 ASS'Y ADDED	1-14-41	
J	-2 & 3 REQ. AN510B10-14 WITH AN960-10 -16. WT. CHG. NEG	4-14-42	
K	AN510B10-14 (-12 & -13) WERE CHANGED TO AN960-10 -12 TO -13 TO -14. (NO WT. CHG.)	7-1-42	
L	ADDED MAT'L NOTE:	12-11-42	
M			

AN510B10-14 (-12 & -13), AN960-10, AN935-10, AN345B10, AC365B1032 (1 EA. REQ.), AN505B8-14, AN960-8, AN935-8, AN340B8, AC365B832 (4 EA. REQ.)



(L) MAT'L NOTE: IT IS PERMISSIBLE TO USE THE FOLLOWING PARTS AS ALTERNATES:

AN34510	TO REPLACE	AN345B10
AN5058-14	TO REPLACE	AN505B8-14
AN3408	TO REPLACE	AN340B8
AC3651032	TO REPLACE	AC365B1032
AC365832	TO REPLACE	AC365B832
AN510-10-16	TO REPLACE	AN510-B10-16
AN510-10-14	TO REPLACE	AN510-B10-14

(G) PBY-5 REQ'M'TS. CO. 7428 E.O. A 45259

C. NO. 1000 484

C. NO. 496, 777 13, & 88476 ONLY E.O. A 99139

NOTE: STAMP '18 NUMERALS ON SURFACE & FILL WITH WHITE PRINT

C. # 88476 #53-146

C. #88476 #1-89

O.M.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH	RH	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-15	PBY-5A	28E2062	1												
-9	PBY-5A	28E2062-5	1												
-15	PBY-5	28E2062	1												
-7	PBY-5A	28E3112	1												
12-13	PBY-5A	28E5011	1 EA.												
2-3-4	28E2062	28E2062	1 EA.												
2-3-4	28E2062	28E2062	1 EA.												
-13	PBY-5	28E5011	1												
-13	PBY-5	28E5011	1												
-3	PBY-5	28E2062-5	1	ALL											
-2	PBY-5	28E2062-5	1	ALL											
-11	PBY-5	28E5011	1	#1 TO 97											
-10	PBY-5	28E5011	1	#1 TO 97											
-9	PBY-5	28E2062-5	1												
-8	PBY-4	28E2062-10	1	ALL SHIPS											
2-3-4	28E2062	28E2062	1 EA.												
2-3-4	28E2062	28E2062	1 EA.	AN510B10-14	1	1									
-7	PBY-4	28E3112	1	AN510B10-14	1	1									
4-5	PBY-4	28E2062	1 EA.	AN3408	4	4									
2-3-4	PBY-4	28E2062	1 EA.	AN345-B	4	4									
-7	PBY-4	28E3112	1	AN960-8	4	4									
4-5	PBY-5	28E2062	1 EA.	AN505B8-14	4	4									
2-3	PBY-5	28E2062	1 EA.	AC365B1032	1	1									
-8	PBY-2	28E2064	1	AN345 B10	1	1	28E2067-3	1	1						
-6	PBY-2	28E2062	1	AN935-10	1	1	28E2067-2	1	1						
-7	PBY-2	28E3112	1	AN960-10	1	1	28E2064	1	1						
4-5	PBY-2	28E2062	1 EA.	AC365B1032	4	4	FOR	4	4						
2-3	PBY-2	28E2062	1 EA.	FOR											

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

A C				
NAVY NOTED	NOTED	NONE	NOTED	
MATERIAL	SPEC.	HEAT TREAT	FINISH	

DRAFT	CHECK	EXAM.	ENG.
6-18-37			R

OPP. HAND

REPLACES 8-10-37	APPROVED	DATE
REPLACED BY	CALC. WT.	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12"=1'0"	

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

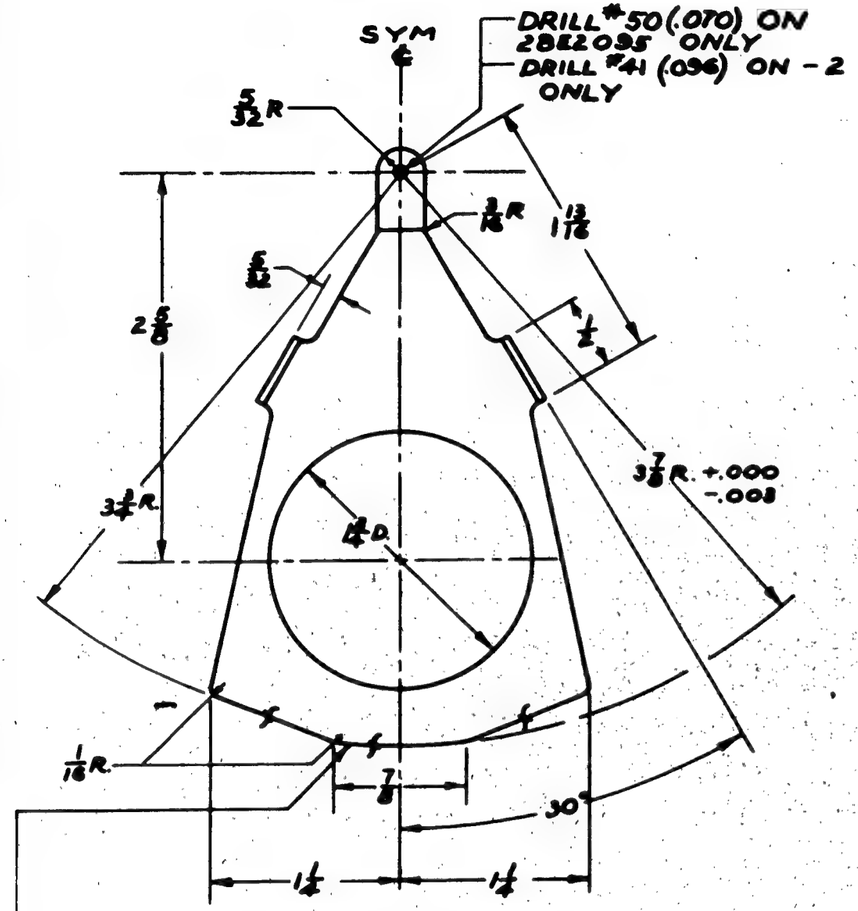
STAMP PT. NO. WHERE SHOWN

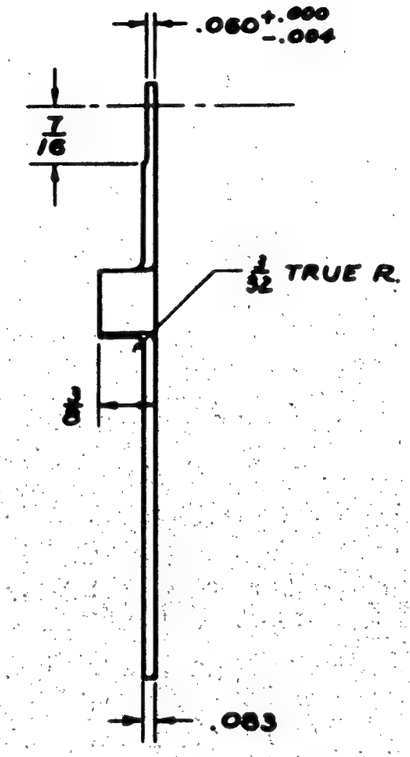
NAME BLOCK ASSEM.-ELEC. RECEPTACLE BOXES

DWG. SIZE B

28E2066

LET	ALTERATION	DATE	BY
B	TRACED	1-20-38	STACY





CYANIDE HARDEN EDGE ONLY MARKED ∮ GRIND & POLISH. NO FINISH ON THESE EDGES.

G. P. GREEN PRINT

C-70496, C-77713, C-88476 (-1 THRU -52)

-2	PBY-5A	28E2031	1																
-2	PBY-4	28E2031	1																
-2	PBY-3	28E2031	1																
	PBY-2	28E2031	1																
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.														

28E136 FOR PBY-2 REPLACES 8 PBY-3	YCW 1-20-38 APPROVED DATE	A C				5-25-37	6-5-37		
REPLACED BY	10 18.1 CALC. WT. ACT. WT.	NAVY C.M. STEEL	4734	NOTED	C-P-2 G.P.	McCabe	McCabe	Mowatt	R
±.XX LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±	SCALE 12" = 1 FT.	MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF. STAMP PT. NO. WHERE SHOWN

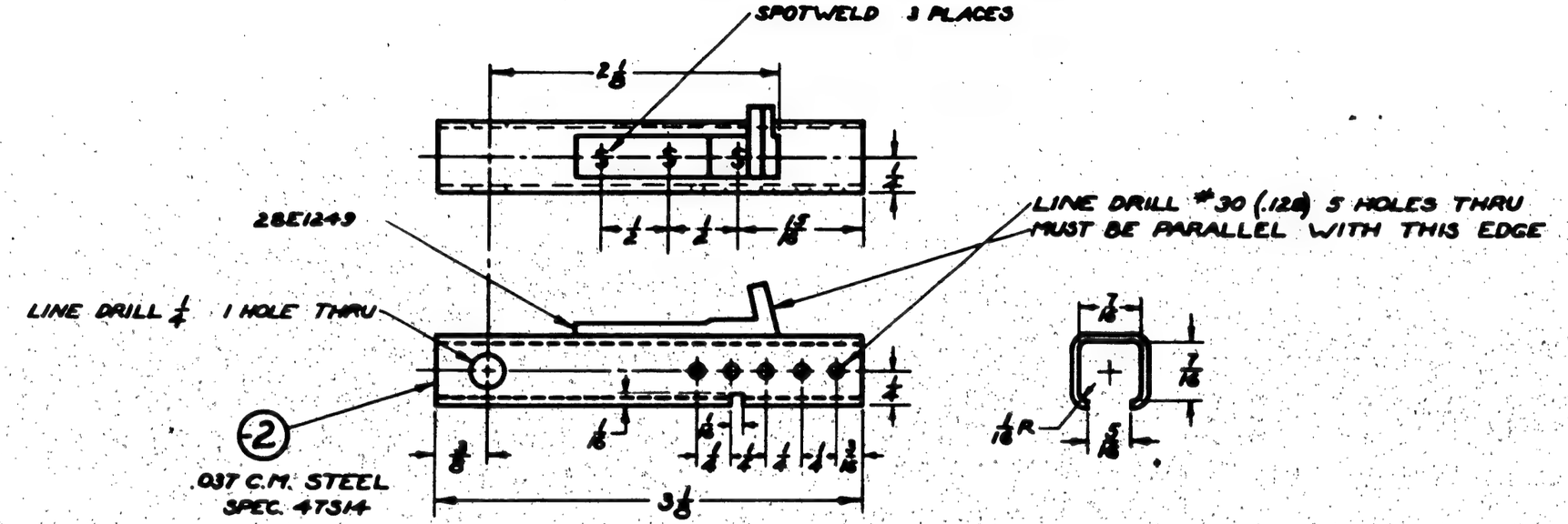
NAME SECTOR - FLOAT MOTOR SW. FLOATING

OPP. HAND NONE

DWG. B SIZE 28E2095

PRINTED ON "IMPERIAL" TRACING CLOTH E. & S. CO., N. Y.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
G	TRACED	1-21-38	STACY



G. P. GREEN PRIME

C-7049 & C-7713
C-8847 & 5316 ON

28E1142 ON PBY-2 REPLACES 28E1142 ON PBY-3	20%	1-21-38	
	APPROVED	DATE	
REPLACED BY	.08 LBS CALC. WT.	ACT. WT.	
± .010 LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED	12" = 1 FT-0 IN. SCALE		

[redacted]

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PBY-5A	28E2031	1														
	PBY-4	28E2031	1														
	PBY-3	28E2031	1	AN335-6	2		28E1249	1									
	PBY-2	28E2031	1	AN515-6-4	2		28E2097-2	1									

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

A C				PASSIVE	TYCABLE	PROTOT	
NAVY NOTED	NOTED	NONE	C-P-28E GP.	6-1-37	6-11-37		
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME LATCH ASS'Y - FLOAT MOTOR SWITCH

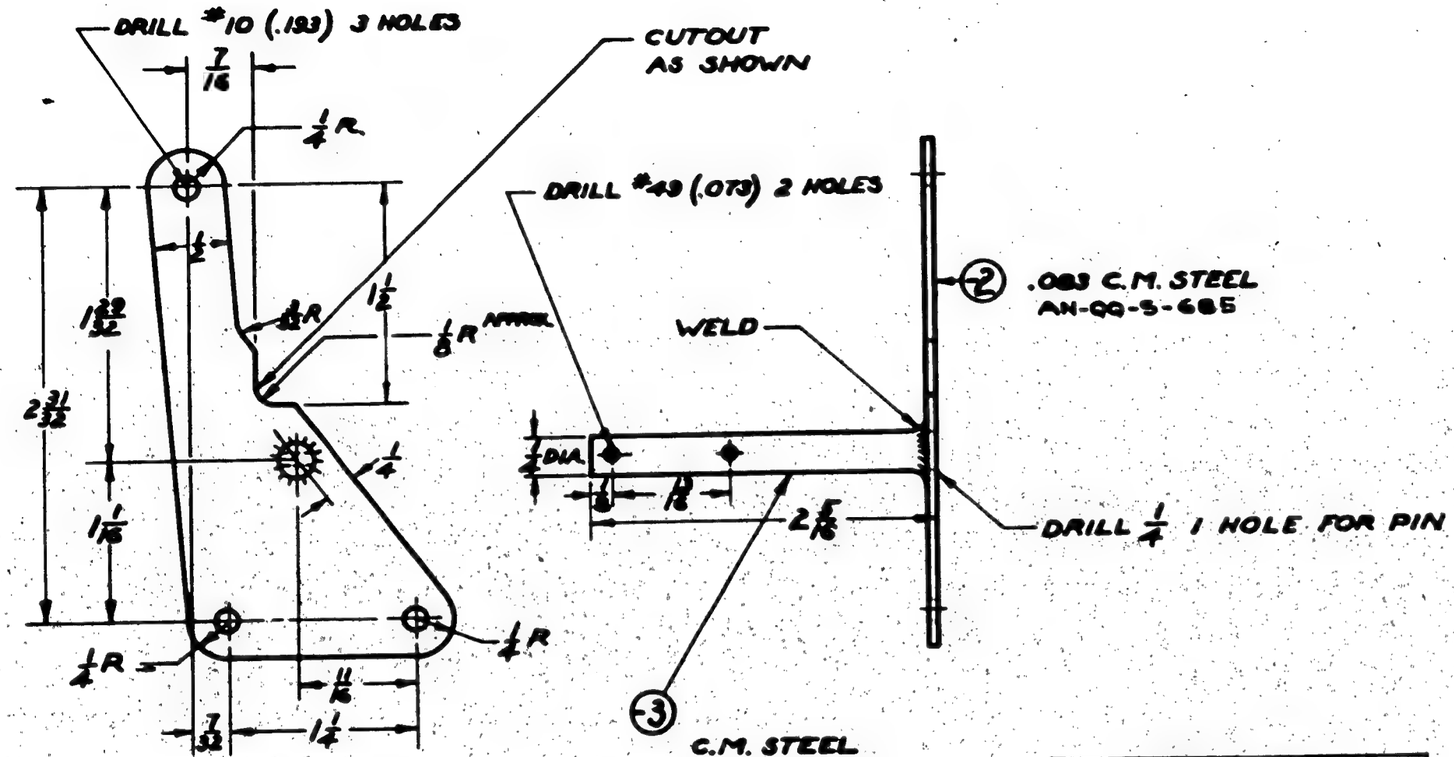
OPP. HAND

DWG. SIZE B

28E2097

PRINTED ON "IMPERIAL" TRACING CLOTH
E & C Co., N. Y.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	1-20-38	STACY
C	ON FACE OF DWG. FOR -2 RE-		
	PLACED SPEC. "47314" WITH "AN-		
	QQ-S-685." FOR -3 REPLACED		
	SPEC. "46823" WITH "AN-QQ-S-684"		
	IN H.T. BLOCK REPLACED "NOTED"		
	WITH "120,000 TO 145,000 #/□" (min.)	6-8-43	[illegible]



	28-5AMC	28E2031	1																						
	28-5MN	28E2031	1																						
	28-5ME	28E2031	1																						
	28-5MC	28E2031	1																						
	28-5MA	28E2031	1																						
	PBY-5	28E2031	1																						
	PBY-5A	28E2031	1																						
	PBY-4	28E2031	1																						
	PBY-3	28E2031	1													-3	1								
	PBY-2	28E2031	1													28E2098 -2	1								
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.								
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.																				
A C																		MASSIVE	FLOORS	FRAMES					
NAVY NOTED MATERIAL		NOTED SPEC.		120,000 TO 145,000 #/□" HEAT TREAT			CP-26P FINISH											6-1-37 DRAFT	6-11-37 CHECK	EXAM.	R ENG.				

C.70496 & C.91874 #1-50
C-70496, C-77713 & C-88476, #1 THRU #52

28E133 FOR PBY-2 REPLACES & PBY-3	YCW APPROVED	1-20-38 DATE
REPLACED BY	.11 LBS. CALC. WT.	ACT. WT.
±.010 UNLESS OTHERWISE SPECIFIED	SCALE 12" = 1 FT.	

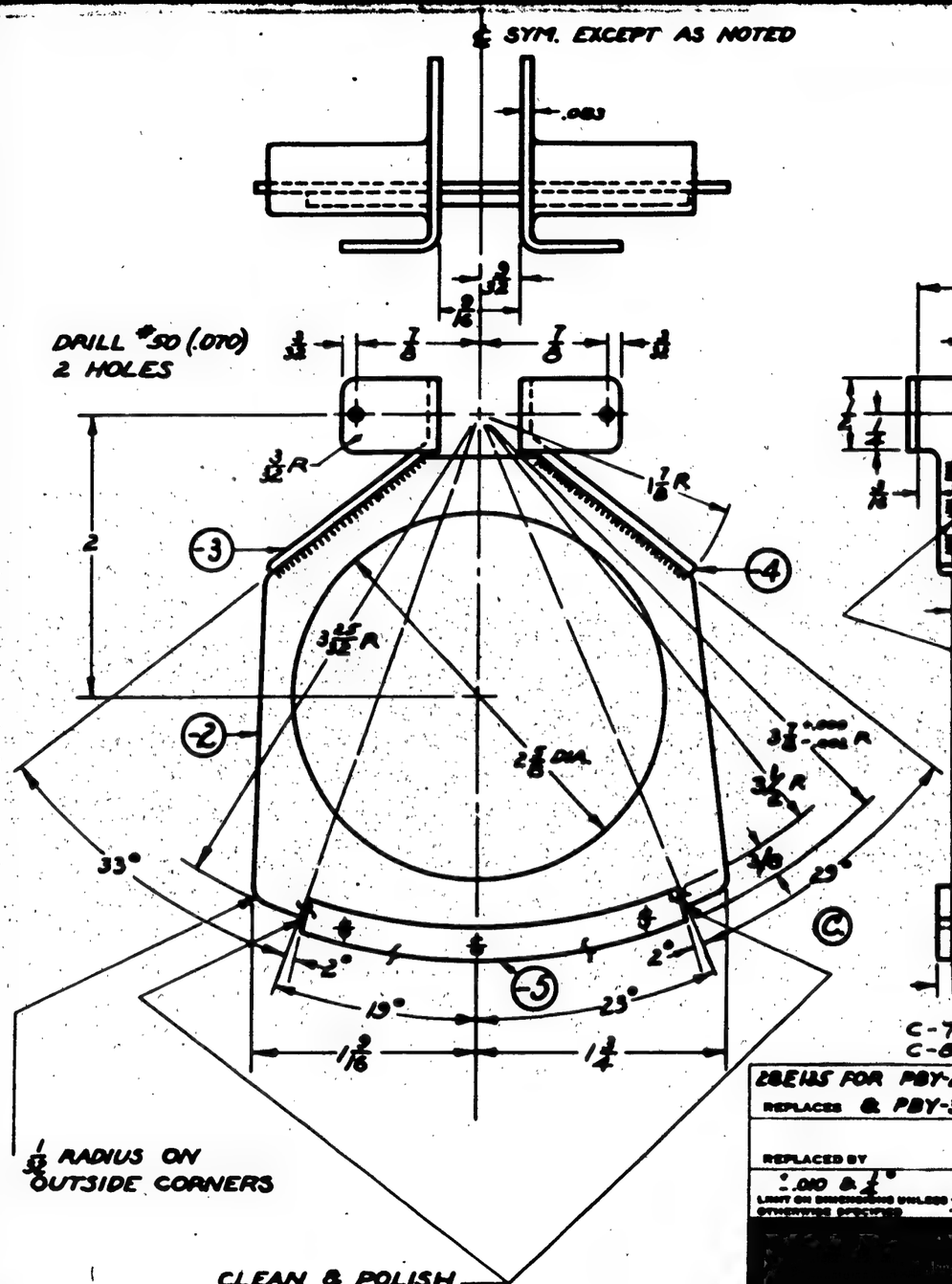
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

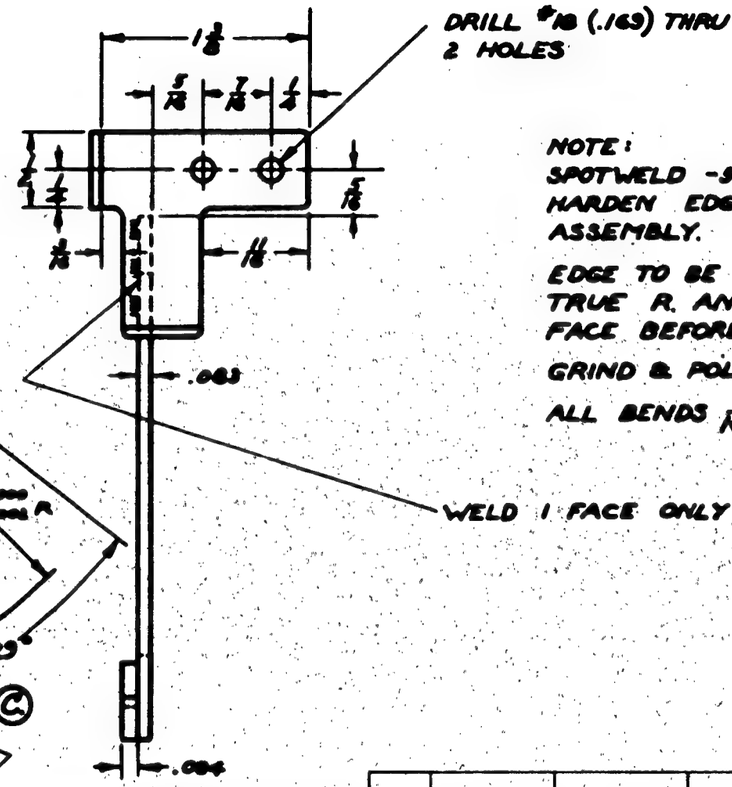
NAME SUPPORT ASSEMBLY- FLOAT MOTOR SWITCH

OPP. HAND

DWG. B SIZE 28E2098

28E2098





NOTE:
SPOTWELD -5 TO -2 CYANIDE
HARDEN EDGE AFTER NORMALIZING ASSEMBLY.

EDGE TO BE SMOOTH ON TRUE R. AND SQUARE WITH FACE BEFORE H.T.

GRIND & POLISH ALL SURFACES

ALL BENDS 1/16 R.

EQ35284

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	1-24-38	Bonney
C	3/8 DIM WAS 1/4. 3 1/2 R WAS 3 5/8.	1-22-40	FRANKOW

G.P. GREEN PRIME

C-7049, C-7771 (3)
C-8047, #1 TO #52)

	PBY-5&5A	28E2021	1&A				-5	1											
	PBY-4	28E2021	1				-4	1											
	PBY-3	28E2031	1				-3	1											
	PBY-2	28E2031	1				28E2099-2	1											
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.														
A C										ANNEAL	N° CASE	TEMPER	R						
NAVY C.M. STEEL	47314			NOTED			C-P-2 G.P.			6-2-37	6-11-37								
MATERIAL	SPEC.			HEAT TREAT			FINISH			DRAFT	CHECK	EXAM.	ENG.						

28E145 FOR PBY-2
REPLACES & PBY-3

RCW 6-2-37
APPROVED DATE

REPLACED BY

20 LBS.
CALC. WT. ACT. WT.

±.010 & ½° LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED

12" = 1 FT-0 IN.
SCALE

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME
SECTOR ASS'Y - FLOAT MOTOR SWITCH - FIXED

OPP. HAND

DWG. B SIZE

28E2099

PRINTED ON "IMPERIAL" TRACING CLOTH
E. K. CO. U. S. A.

LET	ALTERATION	DATE	BY

INSTRUCTIONS FOR ADJUSTING FLOAT SWITCH

SET ARMATURE SPRING ON AUTOMATIC LATCH JUST TIGHT ENOUGH TO HOLD LATCH ENGAGED UNTIL FLOATS LOCK ON "UP" STROKE WHEN AIRPLANE IS FLYING. TOO TIGHT ADJUST-MENT WILL CAUSE SERIOUS DAMAGE TO FLOAT MOTOR. TOO LOOSE ADJUSTMENT WILL ALLOW CIRCUIT TO OPEN BEFORE FLOATS ARE LOCK-ED. PROPER ADJUSTMENT WITH AIRPLANE IN FLIGHT MAY BE TOO LOOSE FOR AUTOMATIC OPERATION OF SWITCH ON GROUND. THIS IS NORMAL AND ADJUSTMENT SHOULD NOT BE CHANGED TO SUIT OPERATION OF FLOATS ON GROUND.

28E2112-2

TRIM TO BORDERS

SEE BACK OF COVER FOR ADJUSTMENT OF RELAY SPRING 28E2112-3

C-70496, C-77713
EC-88476, *1 THRU *52

-3	PBY-5A	28E4016	1
-2	PBY-5A	28E4015	1
-3	PBY-4	28E4014	1
-3	PBY-3	28E2031	1
-3	PBY-2	28E4010	1
-2	PBY-4	28E4013	1
-2	PBY-3	28E4012	1
-2	PBY-2	28E1018	1
ASSY DASH NO.	MODEL	NEXT ASSY	QUAN

REQUIREMENTS PER AIRPLANE

REPLACES — CALC WT

REPLACED BY — ACT WT

SCALE: NONE

STOCK PART NUMBER WHERE SHOWN

NOTE:
GLUE -2 TO INSIDE OF FLOAT SWITCH BOX COVER
GLUE -3 TO FRAME OF RELAY ASSEMBLY

PART NO	STOCK	MATERIAL	SPEC	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
PARTS LIST PER ASSY				-0		-2		-3		-4	

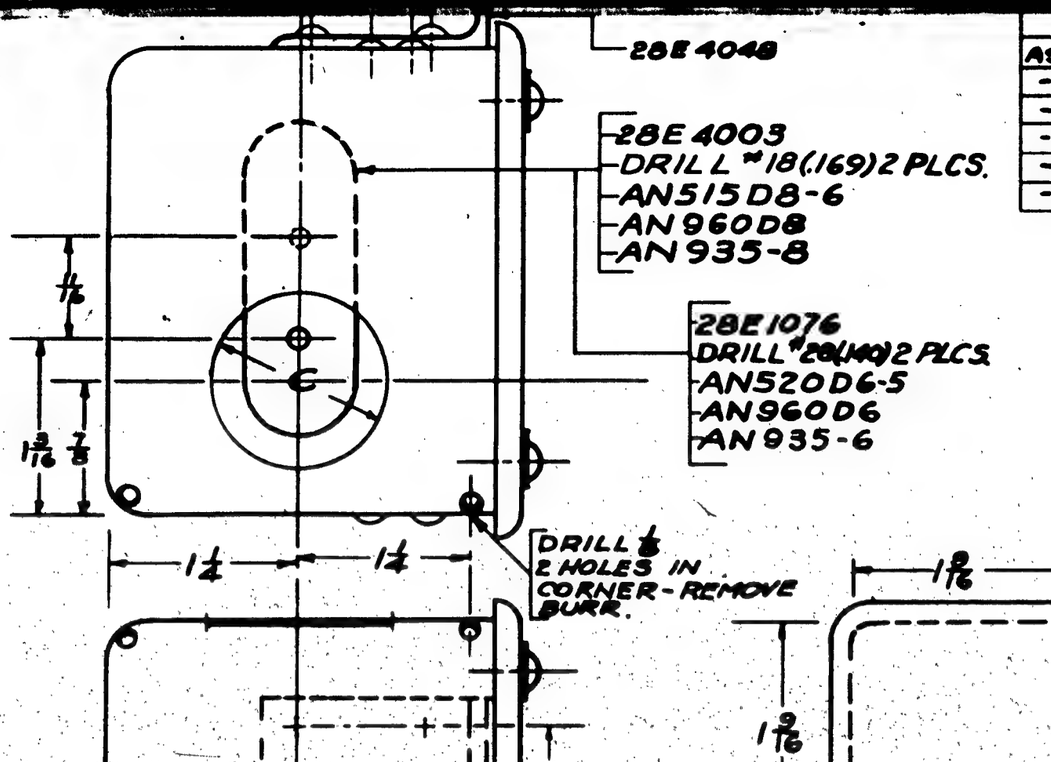
A C		9/11/39	9/14/39			
NAVY BLUEPRINT		LOFTED	McCABE			XCW
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV

CONSOLIDATED AIRCRAFT CORP
SAN DIEGO, CALIF.

NAME
RELAY ADJUSTMENT NOTICE
ELEC.-FLOAT SWITCH BOX

OPP HAND

DWG B 28E2112



(-6) (-7) (-8) (-9) (-10)

BAV-BLACK ASPHALT VARNISH

FINISH CODE	
Z	[illegible]
P	P-27 PRIMER
AP	ALUMINIZED [illegible]
C	CHROMATE PLATE

HOLE TABULATION

ASSY	PART	A	B	C
-0	-6	1 1/2 DIA.	1 1/2 DIA.	
-2	-7	1 1/2 DIA.	1 1/2 DIA.	
-3	-8	1 1/2 DIA	1 1/2 DIA.	
-4	-9	1 1/2 DIA	1 1/2 DIA.	1 1/2 DIA.
-5	-10	1 1/2 DIA.		1 1/2 DIA.

B.O. 0 ADVISE

LET	ALTERATION	DATE	BY
M	REVISED & REDRAWN	7-22-41	[illegible]
N	DIM. 11/16 WAS 7/8	9-30-41	[illegible]
P	ADDED NOTE "SHELLAC --- PBY-5 ONLY"		
	ADDED 28E5793 TO B/M REQ. WT. CHG.	8-27-42	[illegible]

-5 USED ON PBY-5 BU.#2406-2455 INCL
-4 USED ON ALL OTHER PBY-5 SHIPS

MAKE -6-7-8 & -9 BOXES FROM 28E1093 BOX ASSEMBLY.

NOTE: REMOVE FINISH FOR 1/2 RADIAL DISTANCE AROUND CONDUIT HOLES OUTSIDE ONLY.

USED ON PBY-2 SHIPS #0490-#0496 INCL. ONLY.

(P) SHELLAC 28E5793-7 TO INSIDE OF COVER & COVER WITH SHELLAC. PBY-5 C-91876 SHIPS #1 TO 90.

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH -0 -2	RH -0 -2	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-5	PBY-5	28E4015	1	AN442D4	6	6	28E3014-7		1								
-5	PBY-5A	28E4014	1	AN935-8		2	28E3014-6	1									
-4	PBY-5A	28E4014	1	AN960-D8		2	28E4003-4				1		1				
-4	PBY-6	28E4014	1	AN515D8-6		2	28E4048		1		1		1				
-2	PBY-4	28E4014-2		AN935-6	2		28E4003-5		1								
-3	PBY-3	28E4014-1		AN960-D6	2		28E1076	1		1							
-0	PBY-2	28E4014-[illegible]		AN520-D6-5	2												
							28E5793-7				1		1				
							28E3014-10					1					
							28E3014-9				1						
							28E3014-8			1							
							28E3014-7		1								
							28E3014-6	1									
							28E4003-4				1		1				
							28E4048		1		1		1				
							28E4003-5		1								
							28E1076	1		1							

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY. -0 -2 -3 -4 -5

REPLACES	APPROVED	DATE
28E3014 @ F 2-24-37	XCW	2-3-38
REPLACED BY	CALC. WT. .24	ACT. WT.
LIMIT ON ENGINEERING DRAWING ± 1/32 OTHERWISE SPECIFIED ±	SCALE 12" = 10"	

[redacted]

AC								
NAVY NOTED	NOTED	NONE	P-2BAV	2-24-37	2-26-37			
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	PHILLIPS	CHECK CRM.	EXAM. HINKLEY	ENG. R

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. NO. WHERE SHOWN

NAME BOX ASSEMBLY — ELECTRICAL-RADIO

OPP. HAND

DWG. B SIZE

28E3014

E.O.A 34135

E.O.A 45512

K	ADDED 2 28E5798-6 & NOTE, "SHELLAC... WITH SHELLAC" WT CHG. N.B.G.		
L	DRILL 1/8 Ø (1) HOLE WAS Ø (1) HOLE		

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
F	TRACED	2-3-38	
G	ADDED TOP VIEW SHOWING TERM. BD. CREATED-2 ASS'Y CONSISTING OF QG202-2 (2) AN520-4-7 (4), Q7102 A4 (4) AC365-448 (4) & 28E1095 (1)	3-12-41	
H	ADDED (2) 1/8 HOLES	1-26-42	
I	ADDED -6 FOR COVER, -7 & -8 FOR BOX	2-20-42	NO WT. CHG.
J	ADDED -9 FOR -2 ASS'Y ONLY & NOTE "DRILL ---ONLY." NO WT. CH'G.	7-11-42	GRAY

BAV- BLACK ASPHALT VARNISH

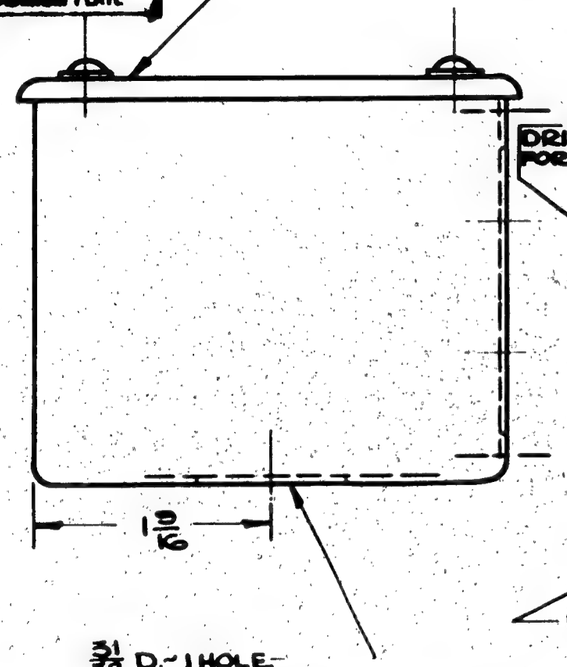
FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

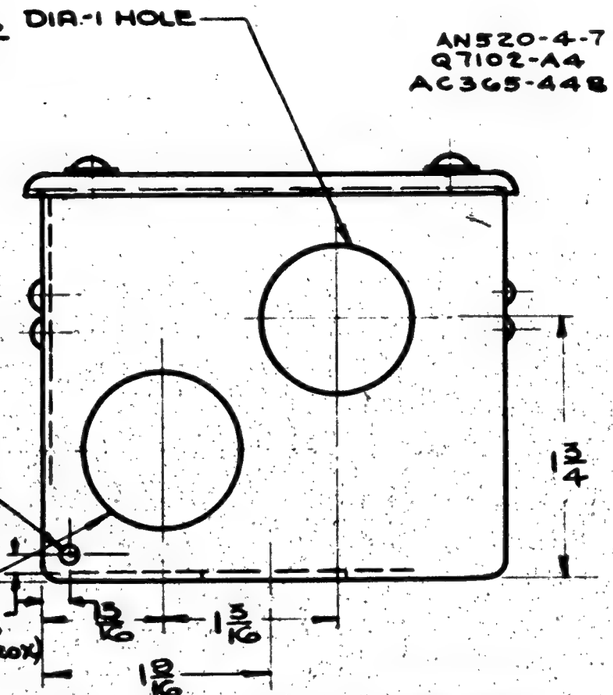
(J) -9 COVER (-2 ASS'Y)

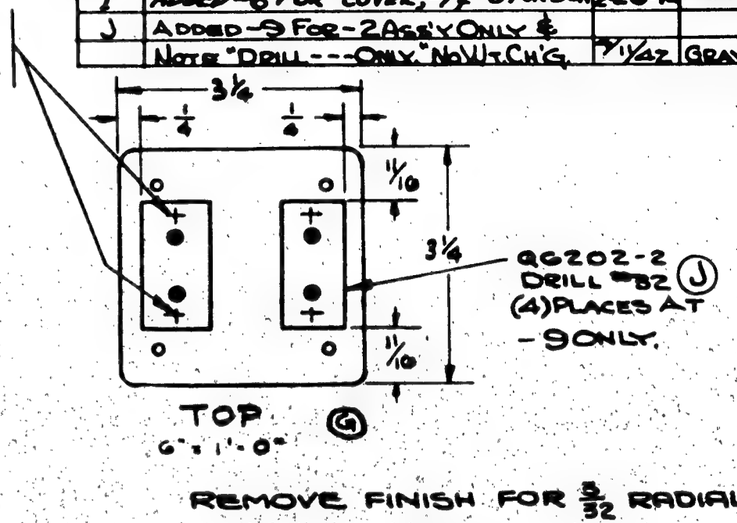
-6 COVER (-0 ASS'Y)

(I) -7 BOX ON -0 ASS'Y

-8 BOX ON -2 ASS'Y







NOTE: (K) SHELLAC 28E5798-6 TO INSIDE OF BOX & COVER WITH SHELLAC, ON PBY-5, -C.# 91876- SHIPS 1-90.

REMOVE FINISH FOR 5/32 RADIAL DISTANCE AROUND CONDUIT HOLES - OUTSIDE ONLY

MAKE -6, -7, 28E1095 BOX ASS'Y {1 REQ'D ON -0 / 1 REQ'D ON -2}

-0	28-5MB	28E5547	1																				
-0	28-5MA	28E5547	1																				
-2	28-5AMB	28E4014	1																				
-2	28-5MA	28E4014	1																				
-2	PBY-5A	28E4014	1	UP TO HULL# 5096			28E5798-6	1		1													
-0	PBY-5	28E4014	1	AC365-448	4		-9			1													
-0	PBY-4	28E4014-TL	1	AN520-4-7	4		-8			1													
-0	PBY-3	28E4014-L	1	QG202-2	2		-7	1															
0	PBY-2	28E2014-155	1	Q7102-A4	4		-6	1															
G H	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH	RH	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.						
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.			-0	-2														

REPLACES	APPROVED	2-5-38 DATE	HULL# 1-95
REPLACED BY	CALC. WT.	ACT. WT.	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	12" = 1'0"		

HULL#				
95-686	-2	PBY-5	28E4014	1
	-2	28-5AMC	28E5547	1
	-2	28-5MC	28E5547	1
96 & ON	-2	28-5ME	28E5547	1
	-2	28-5MA	28E5547	1
	OH	MODEL	NEXT ASS'Y	REQ
REQ'TS PER AIRPLANE				

AC				PHILLIPS / McCABE / HAWLEY
NAVY NOTED	NOTED	NONE	P-2BAV	2-25-37 / 2-26-37 / R
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT / CHECK / EXAM. / ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STOCK PT. NO. WHERE SHOWN

NAME BOX ASSEMBLY- ELEC.- MAGNETO

OPP. HAND

DWG. B SIZE

28E3015

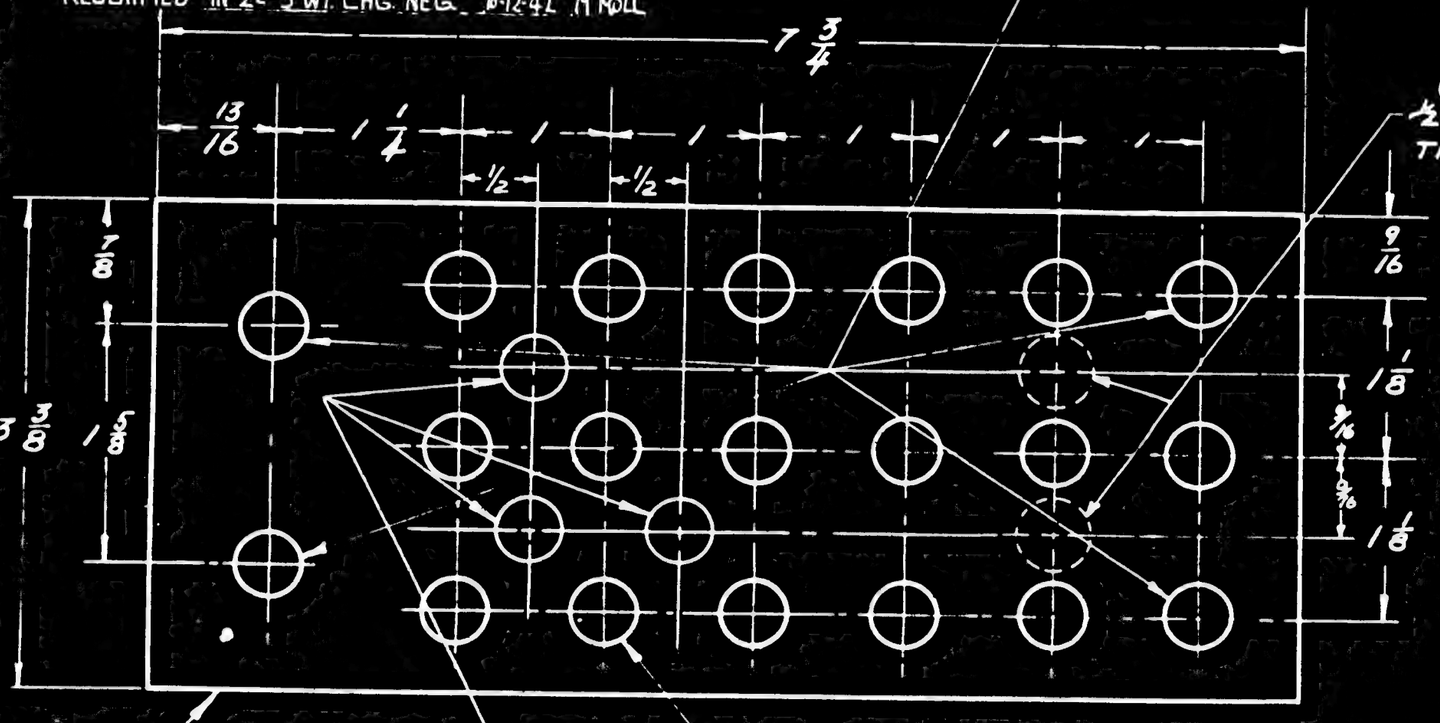
PRINTED ON "VITRESCRIPT" TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
F	ADDED "AC SPEC. 26578 GR B" TO -2 & -3. REPLACED "1ST GRADE" WITH "RECLAIMED" IN -2 & -3 WT. CHG. NEG.	10-12-42	M MOLL

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
B	TRACED	1-25-38	KENWORTHY
C	ADDED REQ'TS FOR LH NO & RH NO & NEXT ASS'Y 28E4006-6.	7-19-41	CUSACK
D	ADDED 2 - ½ DIA HOLES IN -3 ONLY NEG. WT. CHG.	3-18-42	ZIBELL
E	BRGT. REQ'TS/AIRPLANE UP TO DATE 7-24-42		HINES



NOTE
CEMENT -2 TO -3 WITH RUBBER CEMENT.

	B24E	28E4008	2						
	B24D	28E4008	2						
	B24D	28E4008	1						
	28-5AMN	28E4008	1						
	28-5AMC	28E4008	1						
	28-5WC-MN	28E4008	1 EA						
	28-5MAINE	28E4008	1 EA						
	PBY-5, 5A, 5B	28E4008	1 EA						
	LB 30	28E4006-6	1	(5)	-3	1			
	B24C	28E4008	1		-2	1			

O.M.	MODEL	NEXT ASSY	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

(AC-16-37 AC-38-43) NWH.

G	ADDED 7/16 DIA. 3 HOLES & LOC. DIMS. WT. CHG. NEG.	5-29-43	REMARKS

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .02
SCALE 12"=1'-0"
MAC
NAVY NOTED
MATERIAL

APPROVED DATE
WT. ACT. WT.

CONSOLIDATED AIRCRAFT CORP. BUFFALO N.Y.
APPT. NO. WHERE SHOWN

NOTED SPEC. | NONE HEAT TREAT | NONE FINISH | HOLLAND MICHIGAN MFG. R. DRAFT CHECK STAN ENG.

NAME SUPPORT ASS'Y ELEC. SPARE BULBS

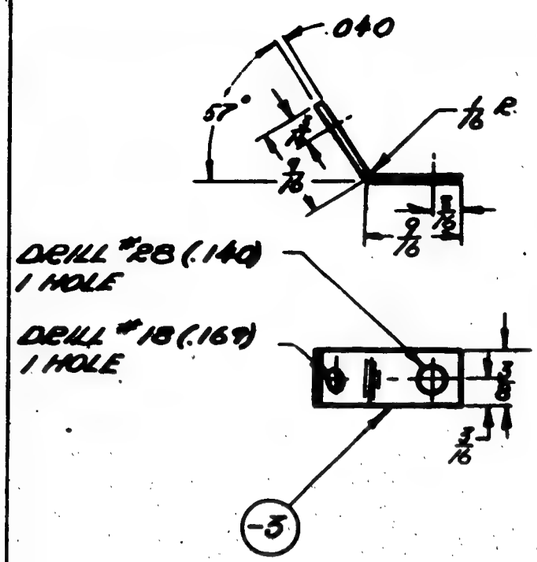
OPP HAND

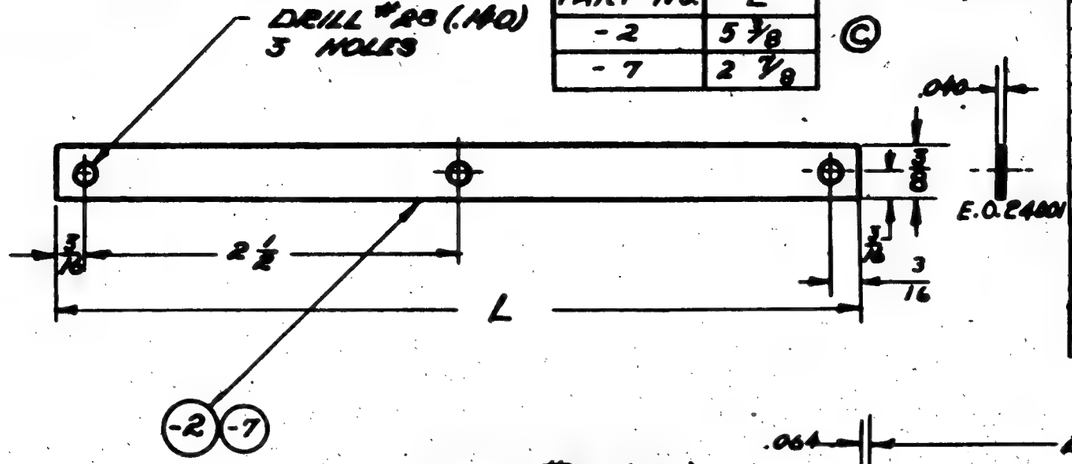
DWG B SIZE 28E 4007

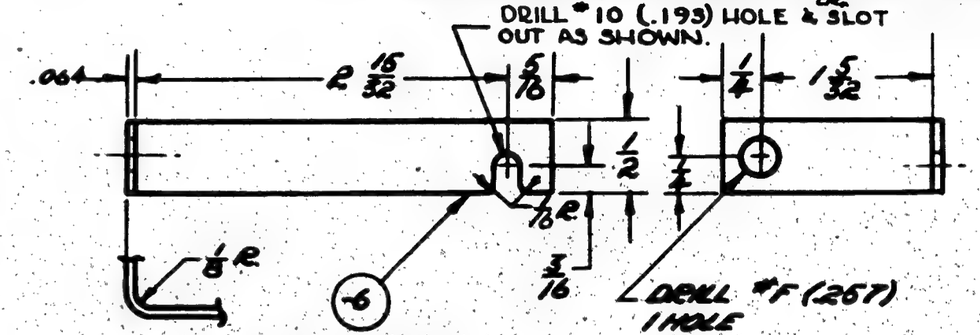
IMPERIAL TRACING CLOTH

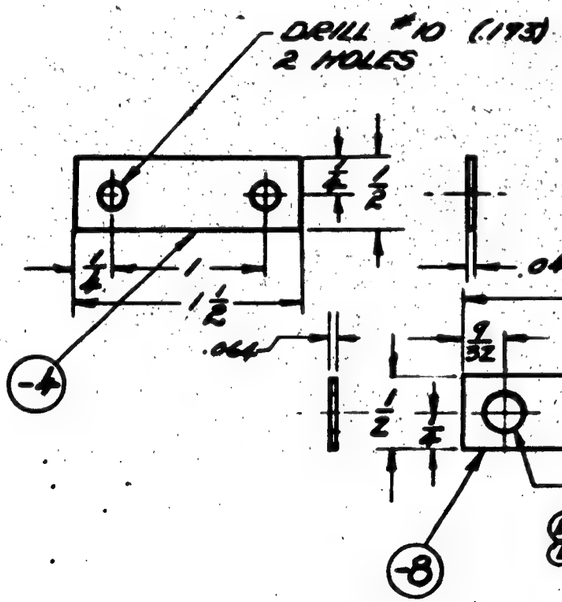
PART NO.	L
-2	5 3/8
-7	2 7/8

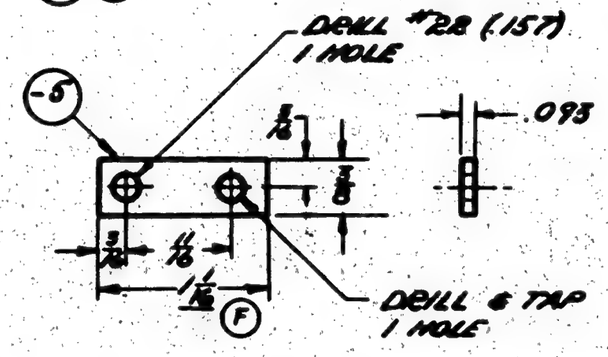
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	1-26-39	KENNEDY
C	ADDED -7, TABULATED L		
	" " PBY-5 REQ.	12-4-39	Garrett
D	ADDED -8	7-22-40	ROGERS
E	ADDED GAGE .064 FOR -8	7-31-40	"
	AND BENT AT 90°	"	"
F	1 1/16 DIM. WAS 1 1/8	12-3-40	KENNEDY
G	IN B/M -5 ASSY FOR PARTS		
	N.R. 28E5028 (60) REQ'D.		
	WAS 28E5028 (60) REQ'D. PBY-5A	3-7-42	Wright
H	V.A. LEBROLD (SAME AS) WAS (GA)	8-7-42	Wright
	FROM PART REMOVED WORD "HARD" SPEC. "QQ-C-501" WAS AN2. H.T. "SOFT. AS		
	LIGHT COLD ROLLED OR HARD" AN#15	9-30-43	Wright

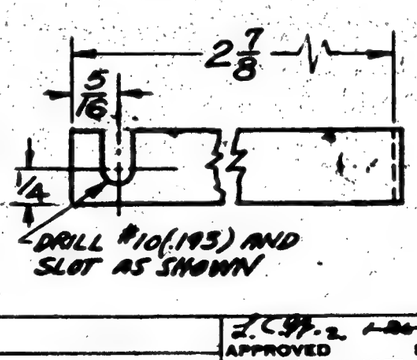












SEE RELEASE SHEETS			
	PBY-5A	SEE B/M	
-8	PBY-5	28E4018	3
-5	[illegible]	32E135	8
-5	PBY-5	28E5026	8
-7	PBY-5	28E40N-550	2
-6	PBY-5	28E4011-550	3
-5	PBY-5	28E5020	60
-4	PBY-5	28E4011-550	1
-3	PBY-5	28E40N-550	38
-2	PBY-5	28E40N-550	2
-6	PBY-4	28E4011	2
-5	PBY-4	28E4017	60
-4	PBY-4	28E4011	1
-3	PBY-4	28E4011	40
-8	PBY-4	28E4011	4
-3	PBY-5B	28E6258	38

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

REPLACES							
REPLACED BY							
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± .010 -4°						
SCALE 12"=1'0"		REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.		
AC					EA. ASSY.	NO. REQ.	ASSY.
NAVY COPPER SHEET	QQ-C-501	SOFT, LIGHT COLD ROLLED, OR HARD		C	1-30	1-19-38	
MATERIAL	SPEC.	HEAT TREAT		FINISH	DRAFT	CHECK	EXAM.

APPROVED	DATE
J.C.W.-2	1-26-39

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

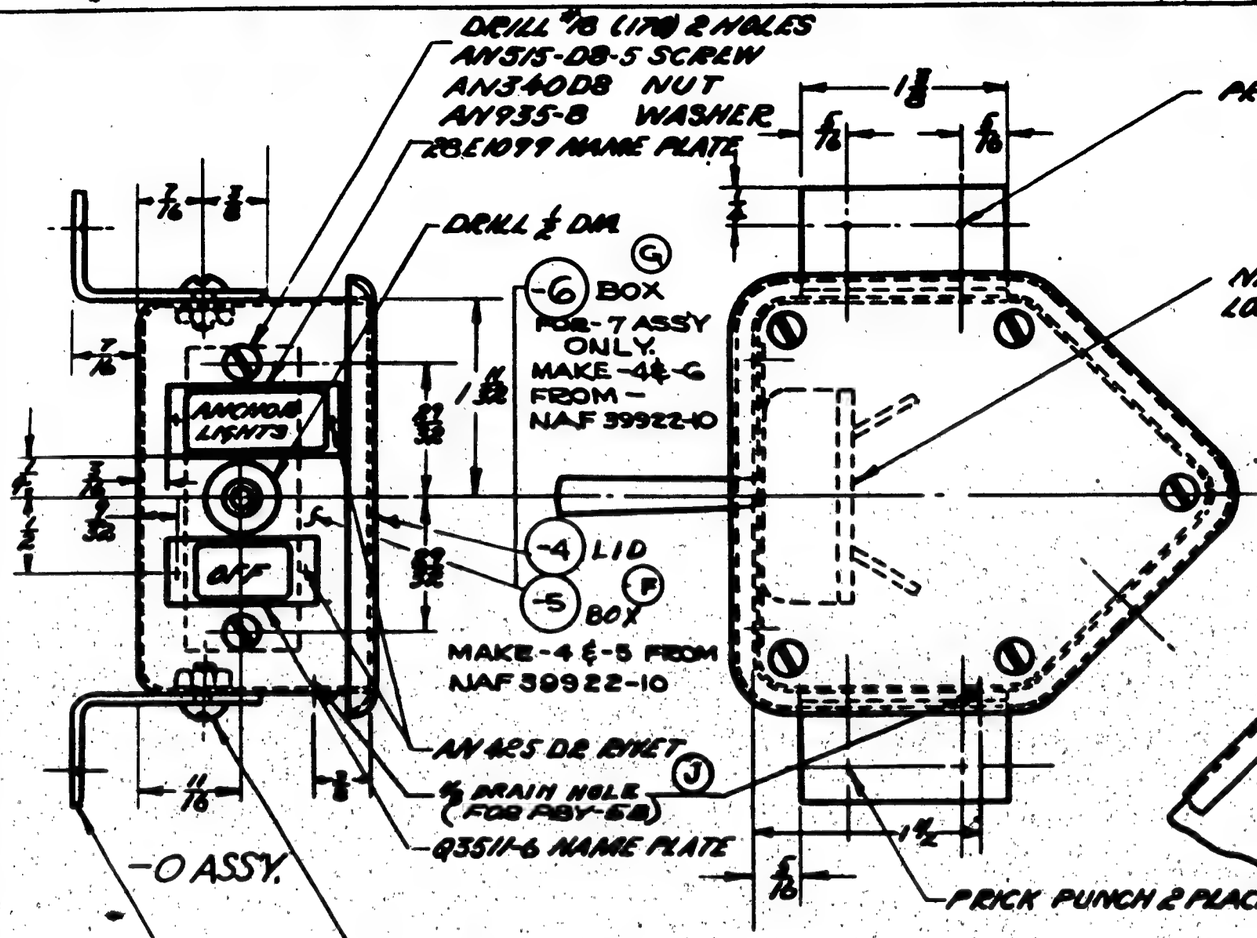
NAME: BUSSES ELEC. SYSTEM

OPP. HAND NONE

DWG. B SIZE 28E4021

28E4021

SULLIVAN-MORGEDAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	FIRACORD	1-28-41	HERRINGTON
D	11/16 & 1 1/8 DIM'S ADDED FOR PBY-5 & 28-5	12-4-41	OBERBECK
E	CREATED -3 ASS'Y. FOR 28-5 ME, MA	9-18-41	SMITH
F	-4 & -5 WAS NAF 39922-10	10-28-41	CLARK
G	CREATED -7 ASS'Y. & -6 BOX. (No WT. CH'GE.)	9-18-42	[illegible]
H	AT NOTES "THIS DIM. 15/16 ..." & THIS DIM. 1 1/8 ... "ADDED "5A, 5B" (No WT CH'G.)	9-18-42	[illegible]
J	ADDED ¼ DRAIN HOLE & LOCATION DIM. 3/16 & 1 3/4 FOR -7. (NO WT. CHG.)	6-3-43	[illegible]
K	ON FACE OF DWG. FOR -2 REPLACE "ANGLE 1 1/16 X 3/16 X .070 AL. ALLOY EXT. 1 3/8 LG. ALCOA DIE K-13682" WITH "Y-6-A37T x 1 3/8 LG." (WT. CHG. NEG.)	11-30-43	[illegible]

G. P. GREEN PRIME

FINISH CODE	
Z	[illegible]
P	P-27 [illegible]
AP	AL [illegible]
C	[illegible]

LET	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
		28-5 AMN	28E4020	1	[illegible]	1				
-7		PBY-5B	28E4020	1	[illegible]	1				
		PBY-5A	28E4020	1						
		28-5 AMC	28E4020	1	[illegible]	1				
		28-5 MN	28E4020	1	[illegible]					
		28-5 MC	28E4020	1	AN960 D8	4				
-3		28-5 MA	28E4020	1	AN515-8	4				
-3		28-5 ME	28E4020	1	[illegible]	4		Q35N-6	1	
		PBY-5	28E4020	1	AN 425-8D	4		28E4033-2	2	
		PBY-4	28E4020	1	AN960 D8	6		28E1099	1	

-3 ASS'Y. → SAME AS -0 ASS'Y EXCEPT: INTERCHANGE NAME PLATES. ("OFF" IN TOP POSITION)

-7 ASS'Y. → SAME AS -3 ASS'Y. EXCEPT: -6 BOX REPLACES -5 BOX.

REPLACES			
REPLACED BY			
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±			
[redacted]			
APPROVED [illegible] DATE			
CALC. WT. .84	ACT. WT.		
SCALE 16"-1'0"	REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.
AC			
NAVY NOTED	NOTED	NONE	Z-P 2GP
MATERIAL	SPEC.	HEAT TREAT	FINISH

			1-19-43	1-17-43	
MILK	[illegible]	[illegible]	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME: BOX ASSEMBLY - ELEC. EXTERIOR ANCHOR LIGHT SWITCH

OPP. HAND

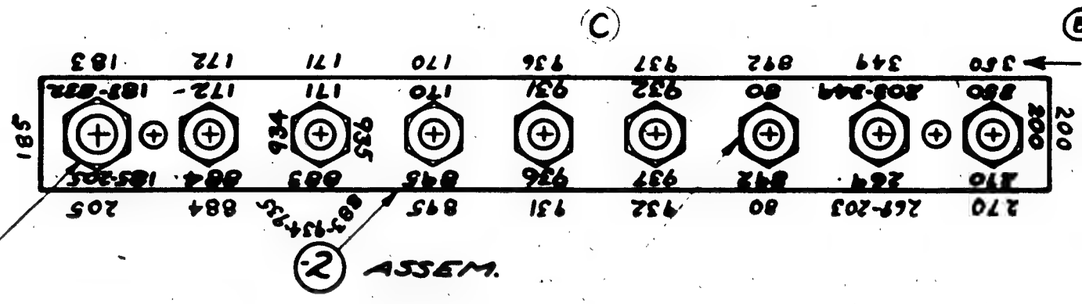
DWG. SIZE B

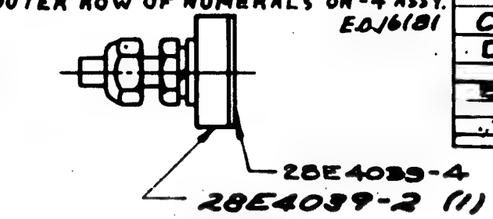
28E4033

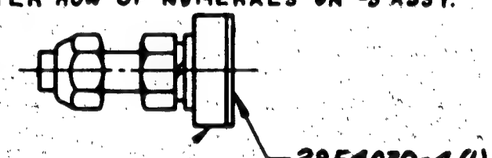
Pullman-Standard Co., Inc. Buffalo
Niagara Transfer Plant

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	9-17-38	Jensen
B	-4 & -5 ASS'Y. ADDED FOR PBY-5 & 28-5-ME. ALL E.O.'S INCORPORATED.	7-31-40	Cox
C	ADDED W.O.'S 931, 932, 934, 935, 936, 5770-R	12-4-40	Johnson
D	ADDED NOTE & NOTE "IT IS PERMISSIBLE TO USE — PAVED	12-10-42	Jensen
E	LIMITED -5 ASSY FOR PBY-5 TO C°70496 & C°91876 SHIPS #1-345, LIMITED ASSY FOR C°70496, C°77713 & C°88476 ONLY. ADDED "A" PARTS LIST REVISED	9-11-43	Cox

E.O. 7247
E.O. 16181







28E4039-3 (1)

IT IS PERMISSIBLE TO USE THE FOLLOWING PARTS AS ALTERNATES:
AN510-41620 TO REPLACE AN510-B41620.
AC325-4 TO REPLACE AC325-B4.
AC365-428 TO REPLACE AC365-B428.
AN510-10-16 TO REPLACE AN510-B10-16.
AN345-10 TO REPLACE AN345-B10.
AN960-10 TO REPLACE AN960-B10.
AC365-1032 TO REPLACE AC365-B1032.
AN960-416 TO REPLACE AN960-B416.

AN510B416-20	(3)
AC325-B4	(3)
AN935-416	(3)
AN960B416	(3)
AC365B428	(3)
AN510B10-16	(15)
AN345B10	(15)
AN935-10	(15)
AN960B10	(15)
AC365B1032	(15)

NOTES
SAND OFF GLAZE & GLUE
28E4039-4 TO 28E4039-2
FOR -2 ASSEM. GLUE
28E4039-4 TO 28E4039-3
FOR -3 ASSEM

(B) SAND UPPER SURFACE OF 28E4039-2 & -3 LIGHTLY & STENCIL NUMERALS WITH WHITE LACQUER, USING STENCILS CUT ON PHOTOGRAPHERS' STENCIL MACHINE, FIGURES TO BE 3/32 HIGH.

NX$ 13598	-4	PBY-5A	28E4037	1
C.91876-346TON	-4	PBY-5	28E4037	1
	-4	28-5-MA	28E4037	1
	-5	28-5-MA	[illegible]	1
C°70496, C°77713 & C. 88476 ONLY	-5	PBY-5A	28E4037	1
—	-4	PBY-5A	28E4037	1
	-3	28-5-ME	—	1
	-4	28-5-ME		1
C°70496 & C.91876 °1 TO °345	-5	PBY-5		1
—	-4	PBY-5	28E4037	1
ALL	-3	PBY-5		
ALL	-2	PBY-5		
37-66 (0878-0907)	-3	PBY-5	28E4036	
37-66 (0878-0907)	-2	PBY-5	28E4035	
SERIAL Nº	-4	28-5-MA-5MK	28E4037	1
	-5	28-5-MA-5MK	28E4037	1
	-4	28-5-MA-5MK	28E4037	1
	-5	28-5-MA-5MK	28E4037	1

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
							AN510B416	1	2	1	2	—					
							AN960B10	8	7	8	7						
							AC365B428	1	2	1	2						
							AC365B1032	8	7	8	7						
							AN935-416	1	2	1	2						
							AN935-10	8	7	8	7						
							AN510B416-20	1	2	1	2						
							AN510B10-16	8	7	8	7						
							AN345B10	8	7	8	7						
							AC325-B4	1	2	1	2						
							-4	1	1	1	1						
							-3		1		1						
							28E4039-2	1		1							
							REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.	-2	-3	-4	-5		

REPLACES
REPLACED BY NONE
LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED
APPROVED RCW 3-17-38 DATE
-2: 27 -3: 27 CALC. WT. ACT. WT.
SCALE 12" = 1'-0"

AC							
NAVY NONE	NONE	NONE	NONE				R
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

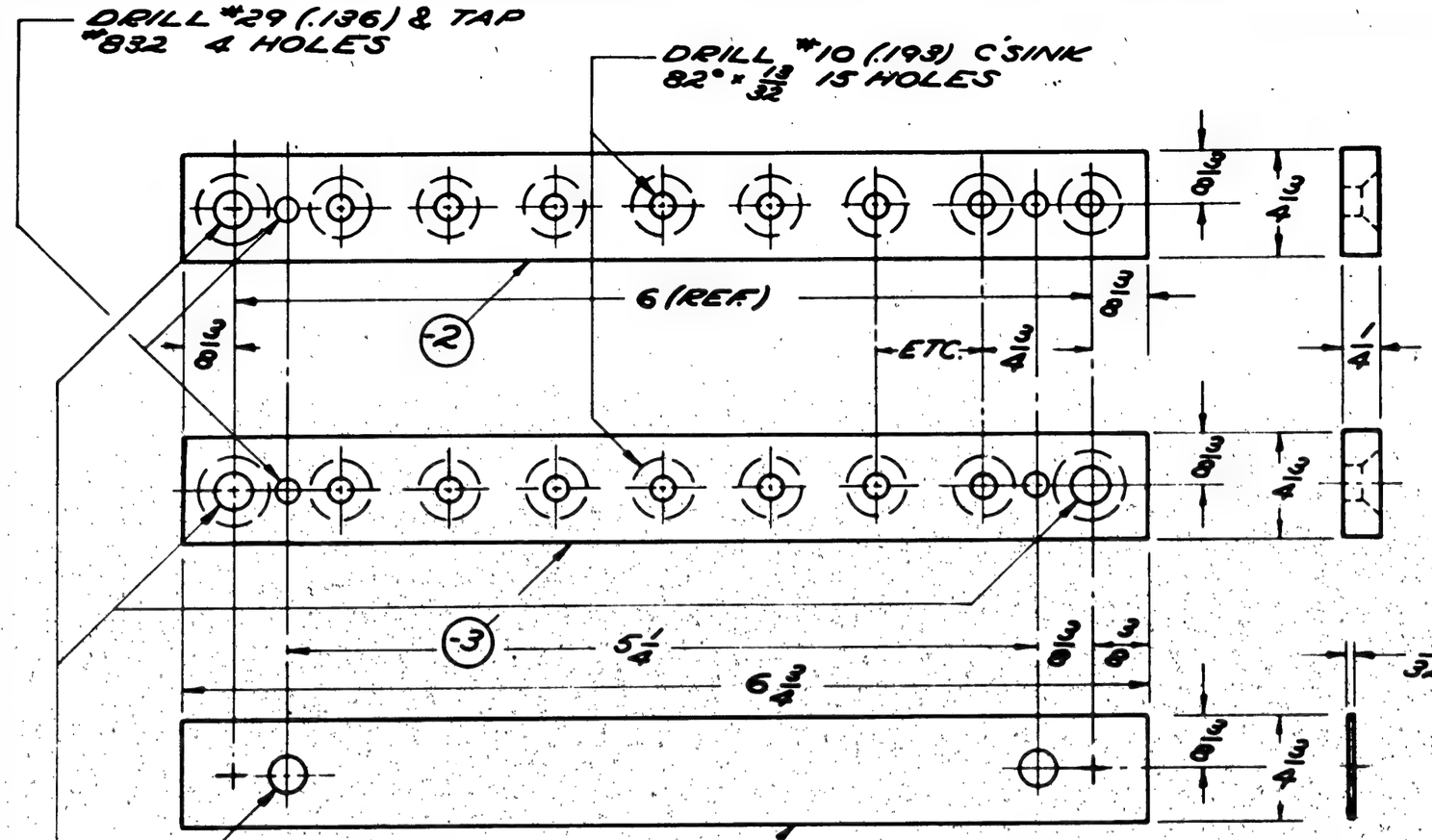
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO WHERE SHOWN

NAME BLOCK ASSEM - ELEC. - POWER JUNCTION BOX

OPP. HAND

DWG. B SIZE 28E4038

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	3-17-38	Jennie



-4	PBY-5A	28E4038	2	
-3	PBY-5A	28E4038	1	
-2	PBY-5A	28E4038	1	
O.H.	MODEL	NEXT ASSY.	REQ.	

ALL	-4			
	-3			
	-2	PBY-4		
37-66 (0878-0907 SHIPS EFFCT ON	-4			
	-3			
	-2	PBY-3	28E4038	

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.												

REPLACES

REPLACED BY

.010 LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± / —

RCW 3-17-38 APPROVED DATE

-3 : 23
-4 : 24
-2 : 20.7 CALC. WT. ACT. WT.

12" = 1'-0" SCALE

[redacted]

A C

NAVY PHENOLIC LAMINATED MATERIAL

ITAS TYPE PDR SPEC.

NONE HEAT TREAT

NONE FINISH

Phillips 1-27-38 DRAFT

CHECK

Moriarty EXAM. R ENG.

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT NO WHERE SHOWN

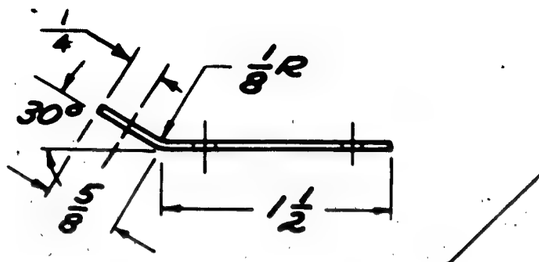
NAME BLOCK-ELEC-TERMINAL

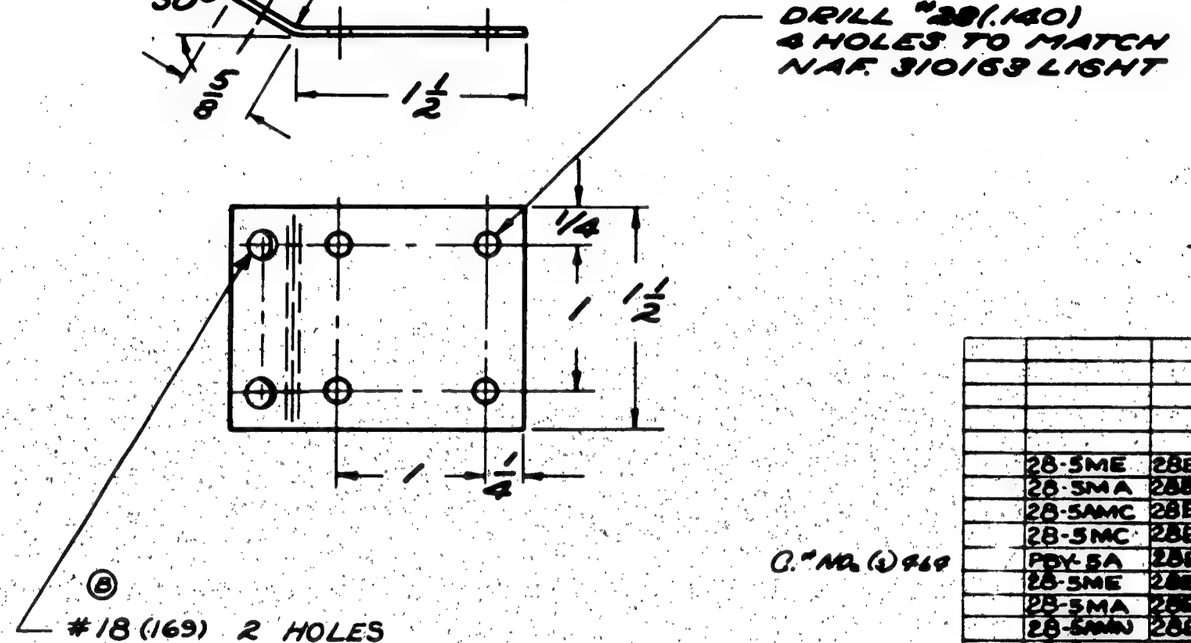
DWG. B SIZE 28E4039

PRINTED ON "IMPERIAL" TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	9-16-38	JENKINS
B	ADDED #18(169) 2 HOLES	1-29-42	FERREL
	ADDED PBY-5B REQMTS.		
C	REV. REQ/AIRR NO WT. CHG.	12-19-42	[redacted]
D	NEXT ASSY. 28E4011 FOR PBY-5A C=		
	NOTE (1) 969 NAS 28E10R. MONTCLAIR	7/6/43	Wright Q

S E.O. AC4214





O. "NO. (1) 969

C. 91876 #91 60N

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	28-5ME	28E5536	1														
	28-5MA	28E5536	1														
	28-5AMC	28E1011	2														
	28-5MC	28E1011	2														
	PBY-5A	28E1011	1														
	28-5ME	28E5576	1														
	28-5MA	28E5576	1														
	28-5AMN	28E5702	1														
	28-5AMC	28E5702	1														
	28-5MN	28E5702	1														
	28-5MC	28E5702	1														
	PBY-5	28E1012	1														
	PBY-5	28E1011	1														
	PBY-5A	28E1012	1														
	PBY-5B	28E6234	1														
	PBY-5B	28E6130	2														
	PBY-4	28E1012	400														
	PBY-3	28E1012	300														

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

G.P. GREEN PRIME

FINISH CODE	
Z	ANODIC TREATMENT
P	P.27 PRIMER
A	ALUMINIZED PAINT
C	CADMIUM PLATE

REPLACES CA 7029	APPROVED LCW 3-15-38	DATE	AC			G.P.		
REPLACED BY	CALC. WT. .016	ACT. WT.	NAVY ON HAND 24 ALLOY	24 A 10 COND T	NONE	P-2	2-16-38	
.010 LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±	SCALE 12" = 1'-0"		MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK / EXAM. / ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF. STAMP PT. NO. WHERE SHOWN

NAME BRACKET-ELEC TRANSMTR PROJ LIGHT

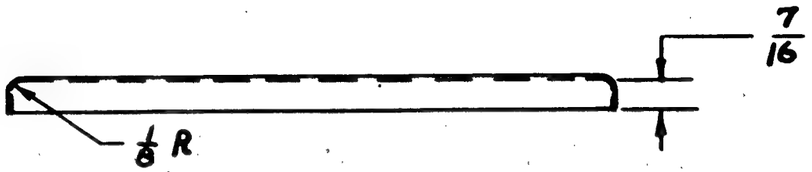
OPP. HAND

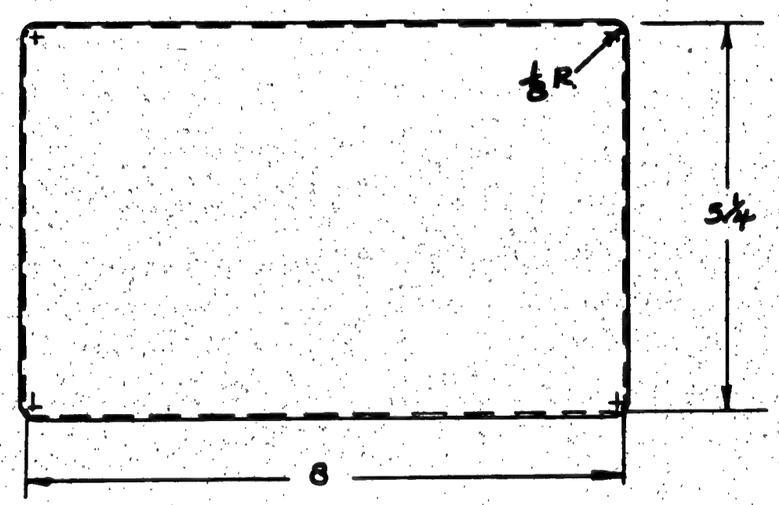
DWG. B SIZE 28E4042

PRINTED ON "IMPERIAL" TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-6-39	JDH
B	ADDED REQUIREMENTS FOR MOD. 32	8-7-39	HALDEN
C	REM'D. .032 ---- COND:T ——		
	ADDED "MATERIAL NOTE" — REV'D.		
	REQ / AIRPLANE (NEG. WT. CHG)	12-19-42	[illegible]

SEQ A 91190





C.70496 1-117

C.70496, 77713 & 88476 ONLY

	28-5AMN	28E4026	2									
	28-5AMC		2									
	28-5MN		2									
	28-5ME		2									
	28-5MC		2									
	28-5MA		2									
	PBY-5		2									
	28-5AMN	28E2062	2									
	28-5AMC		2									
	28-5MN		2									
	28-5ME		2									
	28-5MC		2									
	28-5MA		2									
	PBY-5		2									
	PBY-5A	28E4026	2									
	PBY-5A	28E2062	2									
B	B-24	32E052	2									
	XB-24	32E052	2									
	PBY-4	3E8										
	PBY-3	B.M.										
	PBY-2	↓										

O.M.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

MATERIAL NOTE:—
1. .064 AL.AL. 5250 SPEC. 47A11 TEMP A.
2. OR, .064 AL. 35½H. SPEC. 47A4 CL½H. (C)

REPLACES		LCO #3 APPROVED 2-18-39 DATE	
REPLACED BY			
CALC.WT.	ACT.WT.	LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	
SCALE 6" = 1'-0"		REQUIREMENTS PER AIRPLANE	MAT.
AC			
NAVY	NOTED	NOTED	NONE
MATERIAL		SPEC.	HEAT TREAT

PARTS LIST PER ASSY.				
DRAFT	CHECK	EXAM.	ENG.	
THOMPSON 10-18-38	DOLLINS	MILLER		
FINISH				
NONE				

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME: COVER BOX - ELEC

OPP. HAND

SIZE B — 28E4043

SULLIVAN-MORGOGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET.	ALTERATION	DATE	BY
E	TRACED	4-27-42	[illegible]
F	ADDED 1/8 HOLES 2 PLACES	4-28-42	[illegible]
G	CANCELED -R ASS'Y. FOR PBY-4, PBY-5 & -5A. NO WT. CHG.	9-21-42	[illegible]

ON-L ONLY:
28E2115-6 BLOCK ASSEMBLY
AN505D8-5 (2)
DRILL #18 (.165) 2 HOLES IN BOX TO MATCH BLOCK C'SINK HOLES 82° X 5/16 D.

NAF 39928-1 BOX

5/16 DIA. 2 HOLES

ON-L ONLY 5/16 DIA 1 HOLE

28E4004 LH
28E4004-1 RH
AN505D8-5
#18 (.165) DIA 2 HOLES TO MATCH 28E4004 C'SINK 82° X 5/16 DIA
PECK PUNCH SCREWS TO LOCK

1/2 1/4 5/8 13/16 1 5/16 1/8 (APPROX.) (F) 1/8 (APPROX.) (F) 1 3/16

#28 (.140) DIA 3 HOLES

NAF 2150194
NAF 2150284
TOP VIEW COVER REMOVED

DRILL 1/8 (2) PLACES FOR WATER DRAIN

5/16 D. HOLE (REF.)

NOTES -
DO NOT FINISH CONDUIT HOLES OUTSIDE FOR 5/16 RADIAL DISTANCE.

PLACE FITTG. IN BOX BEFORE INSTALLING 28E4004 BLOCK.

CONT. #70496

R	28-5NE	28E5547	1					NAF 2150284	1	1
R	28-5NA	28E5547	1					NAF 2150194	1	1
4R	28-5NJ	28E4014	1 EA.					NAF 39928-1	1	1
								AN505D8-5	4	4
R	28-5NC		1					28E2115-6	1	
R	28-5NC		1					28E4004-1	1	1
L	PBY-5 & 5A	28E4014	1 EA.					28E4004-0	1	
L	PBY-4	28E4043	1 EA.							
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.		LH REQ.	RH REQ.

REPLACES					
REPLACED BY					
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64					
E.C.N.-B APPROVED 4-21-42 DATE					
.58 CALC.WT.	ACT.WT.	REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.
SCALE 4" = 1'-0"					
AC					
NAVY NOTED	NOTED	NONE	P-BAL		R
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME
BOX ASSY-ELEC. NAVIGATION LIGHT

OPP. HAND 28E4046R

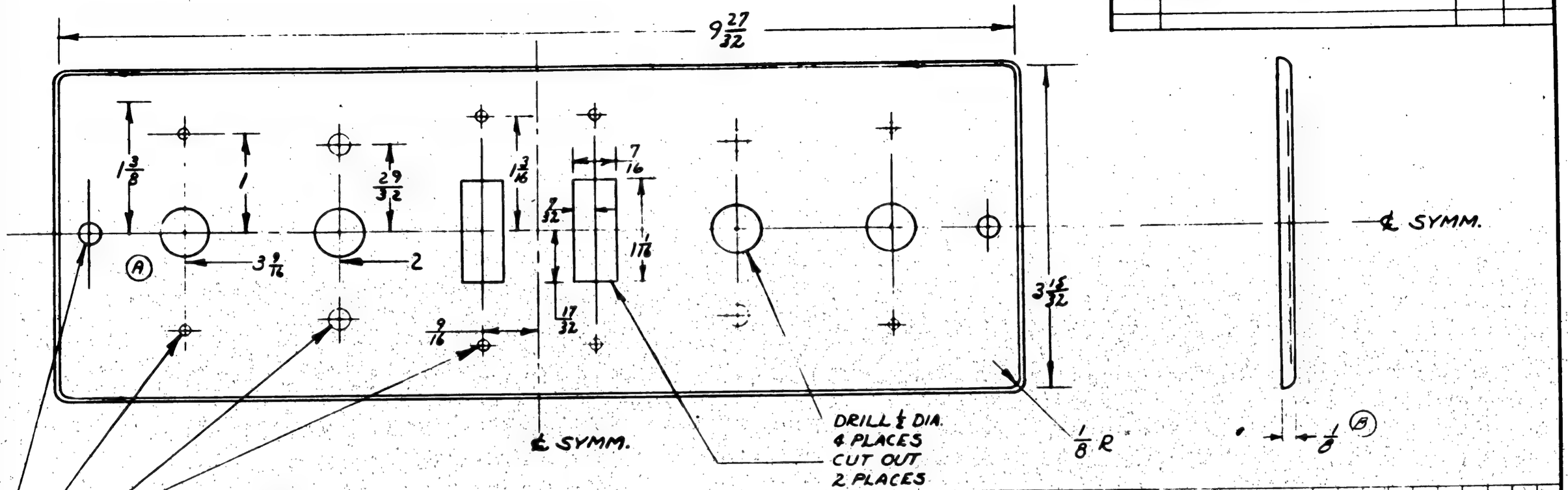
SIZE B

28E4046

SHANAHAN-HERRMANN CO., INC., BUFFALO
REGISTERED TRADEMARK

E.O. 25422
E.O. 24255

LET	ALTERATION	DATE	BY
A	4 3/32 DIM. REMOVED; NOTE ADDED	11-4-40	ELWEN
B	1/8 DIM. ADDED	11-4-40	ELWEN
		1	



SHIPS 10-25 (BU2302-2313) INCL. & 161-163 (BU2409-2451) INCL. ONLY

NOTE:
THIS COVER MUST FIT 28E4516 BOX (REF)

ASSY DASH NO	MODEL	NEXT ASSY	REQ
-0	PBY-5	28E4518	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC WT

REPLACED BY — ACT WT

LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
	.040 x 10 1/2 x 4	ALCLAD 2450 47AB	COND A										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC								
NAVY SA 53	P	7-16-40	CHECK	STRUCT	MAT	APPROV	ENG
HEAT TREAT	FINISH	DRAFT					

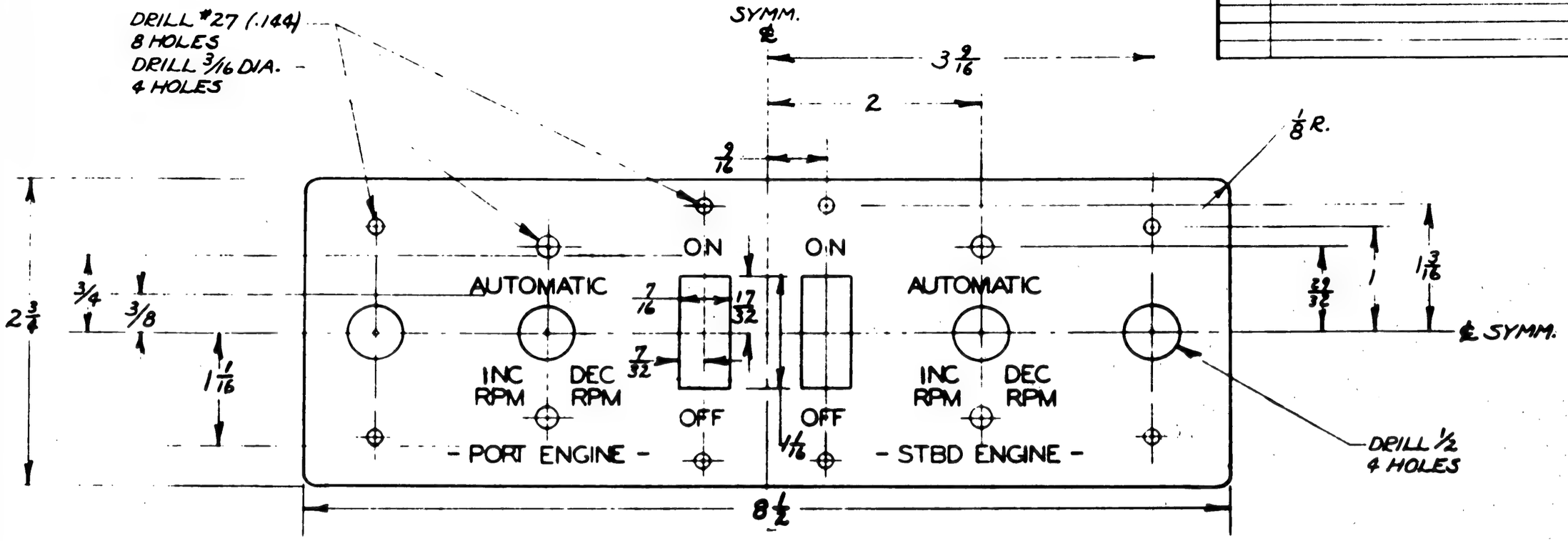
NAME PANEL - ELEC. - PROP FEATHERING SWITCH BOX

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — DWG 28E4517

LET	ALTERATION	DATE	BY



SHIPS 14-25 (BU2302-2313) INCL & 161-163 (BU2449-2451) INCL. ONLY

NOTE -
ALL LETTERS 1/8 HIGH BLOCK, RAISED & POLISHED ABOVE ETCHED & DULL BLACK LACQUERED BACKGROUND

ASSY DASH No	MODEL	NEXT ASSY	REQ
-0	PBY-5	28E9518	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT WT.

LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED 1/32 — SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

- 0 - .030 x 2 3/4 x 8 1/2 ALCLAD 24ST 61AB CONST. 1

PART No	STOCK	MATERIAL	SPEC	LH RH REQ. -0	LH RH REQ -2	LH RH REQ -3	LH RH REQ. -4	LH RH REQ. -5
PARTS LIST PER ASSY.								

A C		7-18-40						
NAVY	NOTED							
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG	

NAME NAMEPLATE - ELEC PROP FEATHERING SWITCHES

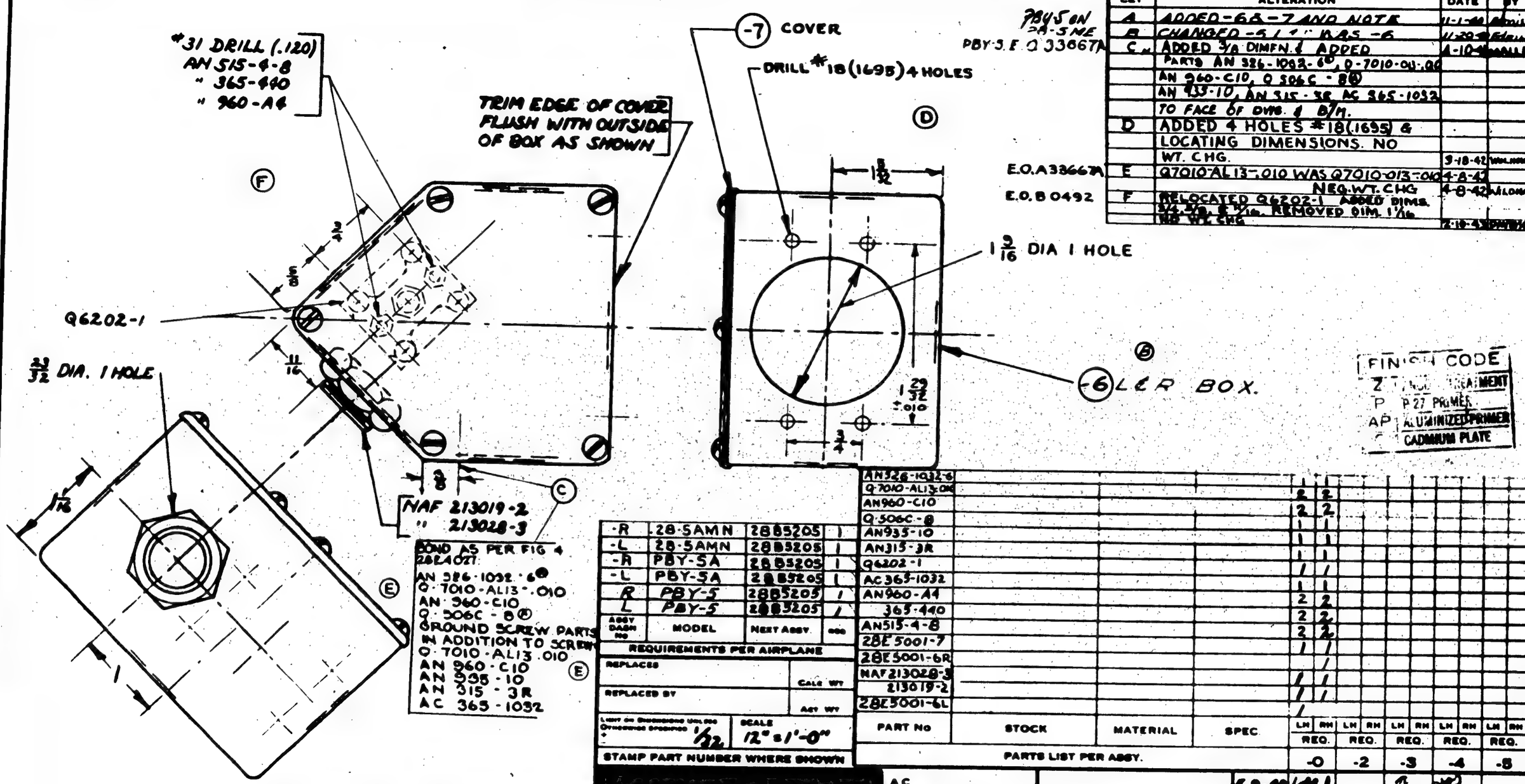
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B — 28E4520

LET	ALTERATION	DATE	BY
A	ADDED -6B-7 AND NOTE	11-1-41	
B	CHANGED -5 1" WAS -6	11-20-41	
C	ADDED 3/8 DIMEN. & ADDED PARTS AN 526-1032-6, Q-7010-04-.06 AN 960-C10, Q 506C-8 AN 935-10, AN 315-3R, AC 365-1032 TO FACE OF DWG. & B/M.	4-10-42	
D	ADDED 4 HOLES #18(.1695) & LOCATING DIMENSIONS. NO WT. CHG.	3-18-42	
E.O.A 38667A E	Q7010-AL13-.010 WAS Q7010-013-.010 NEG. WT. CHG	4-8-42	
E.O.B 0492 F	RELOCATED Q6202-1 ADDED DIMS. 1/4, 3/8, & 1 7/16. REMOVED DIM. 1 1/16 NO WT. CHG	4-8-42	
		7-10-42	

PBY-5 ON 28-5 NE
PBY-5 E.O. 33667A



NOTE: MAKE -6 BOX & -7 COVER FROM NAF 39922-1 BOX ASSEMBLY

-R	28-5AMN	28B5205	1
-L	28-5AMN	28B5205	1
-R	PBY-5A	28B5205	1
-L	PBY-5A	28B5205	1
R	PBY-5	28B5205	1
L	PBY-5	28B5205	1
ASSY DASH NO	MODEL	NEXT ASSY.	QTY

REQUIREMENTS PER AIRPLANE

REPLACES — CALC WT

REPLACED BY — ACT WT

UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

FINISH CODE
Z [illegible] TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE

PART NO	STOCK	MATERIAL	SPEC	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
AN526-1032-6				2	2								
Q-7010-AL13-.010				2	2								
AN960-C10				1	1								
Q-506C-8				1	1								
AN935-10				1	1								
AN315-3R				1	1								
Q6202-1				1	1								
AC365-1032				2	2								
AN960-A4				2	2								
365-440				2	2								
AN515-4-8				2	2								
28E5001-7				1	1								
28E5001-6R						1	1						
NAF 213028-3						1	1						
213019-2						1	1						
28E5001-6L								1					

PARTS LIST PER ASSY.

AC		4-8-42		
NAVY ——	P-AP		5/9/40	5/8/40
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG.

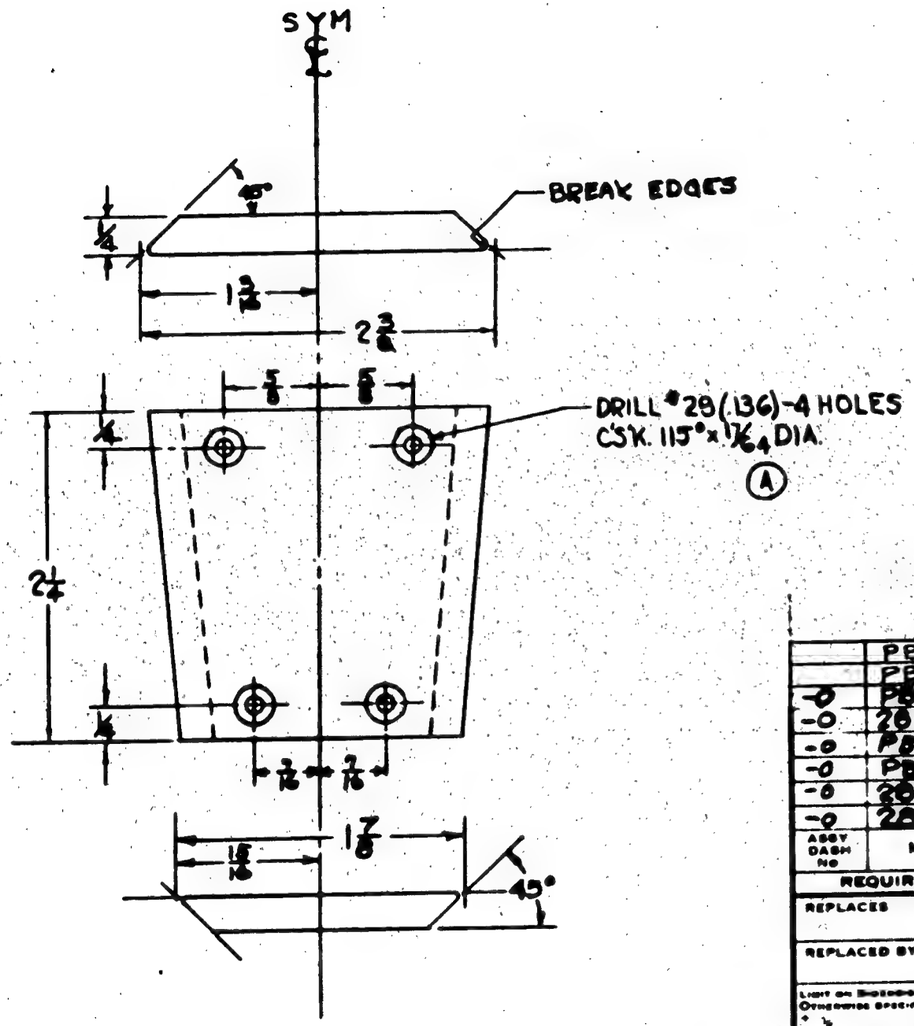
NAME BOX ASSEM - REC. SALVO SIGNAL LIGHT

OPP. HAND 28E5001-2

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE — 28E5001

LET	ALTERATION	DATE	BY
A	ADDED 4 CS'K. HOLES & ADDED - 2 ASS'Y.	12-23-40	[illegible]
	ALSO 28E5007 REQ.		[illegible]
B	REMOVED - 2 ASS'Y.	2-27-41	BARTSCH



	PBY-5A & B	28E5007	5A
	PBY-5A & B	28E5004	1A
-0	PBY-5	28E5007	1
-0	28-5ME	28E5007	1
-0	PBY5	28E5004	1
-0	PBY-2	28E5004	1
-0	28-5ME		1
-0	28-5MF	28E5004	1
ASSY DASH NO	MODEL	NEXT ASSY.	REQ

REQUIREMENTS PER AIRPLANE

REPLACES 018 CALC. WT.

REPLACED BY ACT WT

Light on Shadowboard Unless Otherwise Specified ± 1/64 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

FINISH CODE

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
28E5002-B	.250 x 2 1/8 x 2 1/2	ALCLAD 24ST 47AB-T											

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

A.C.		Booher	[illegible]	Eby	[illegible]		
NAVY NONE	Z-P-AP	5-17-40	[illegible]		[illegible]	[illegible]	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG

NAME WEDGE-ELEC-WARNING HORN SUPPORT

OPP. HAND NONE

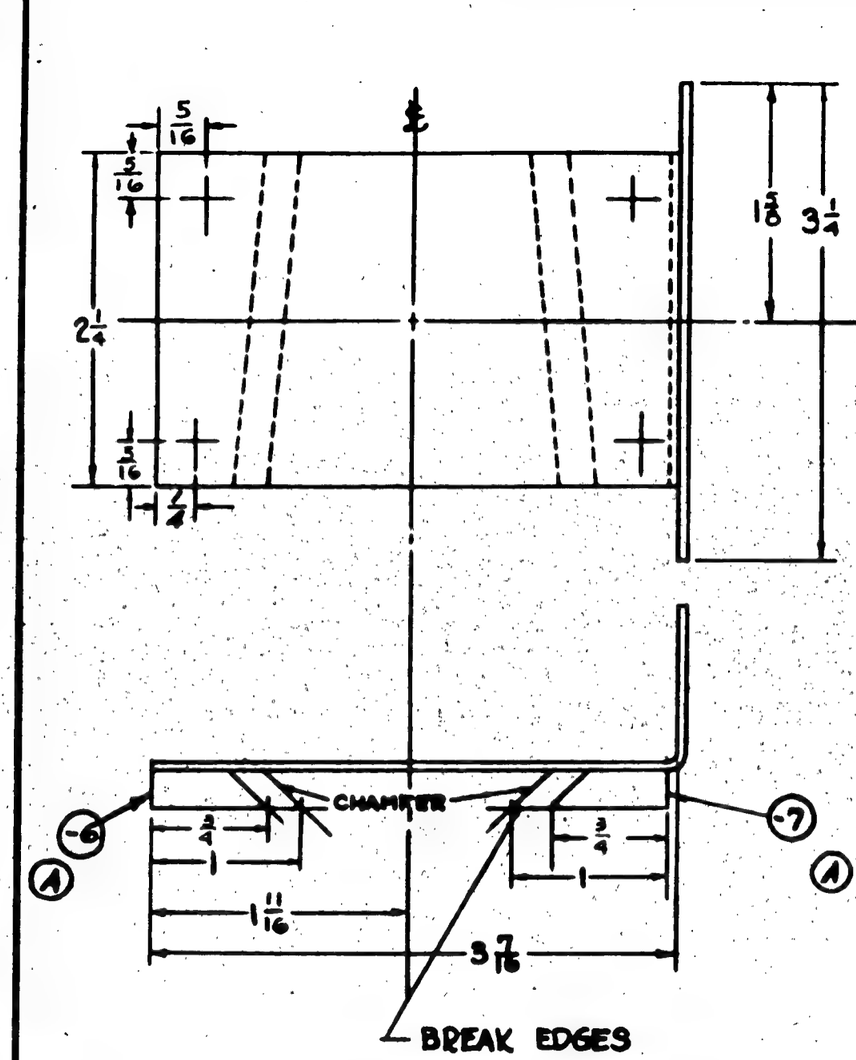
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

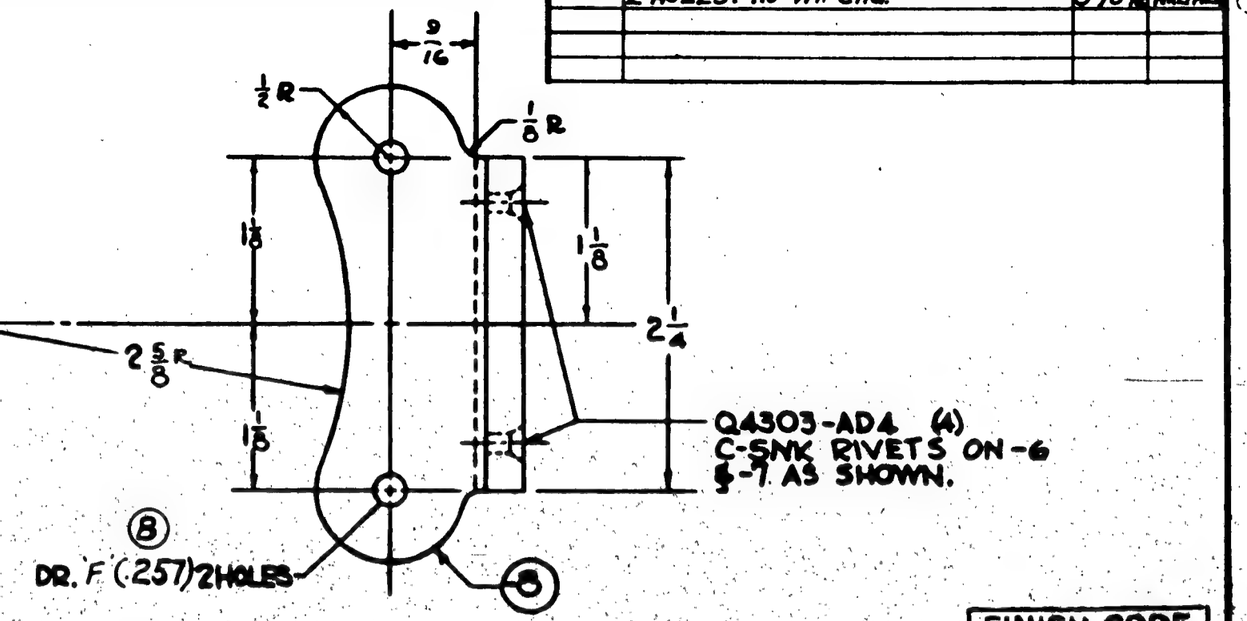
DWG. B SIZE

28E5002

LET	ALTERATION	DATE	BY
A	-6 AND -7 INTERCHANGED	[illegible]	[illegible]
B	CH'G. TO 'F'(.257) 2 HOLES. WAS 4 0(.193) 2 HOLES. NO WT. CHG.	9-18-[illegible]	[illegible]

E.O. # A21047





NOTE:
J16 -6 & -7 SO AS TO MATCH 28E5002
ALL BENDS 1/8 RADII

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY DASH NO	MODEL	NEXT ASSY.	REQ.
-0	PBY-6A	28E5004	1
-0	PBY-5	28E5004	1
-0	PB2Y-2	28E5004	1
-0	28-6ME	28E5004	1
-0	28-5AMN	28E5004	1

REQUIREMENTS PER AIRPLANE

REPLACES .067 CALC WT.

REPLACED BY ACT. WT.

UNLESS OTHERWISE SPECIFIED DIMENSIONS AND TOLERANCES ARE AS FOLLOWS: 1/32 +

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				PARTS LIST PER ASSY.		-0		-2		-3		-4		-5	
Q4305-Q4															
28E5003-8	.064 x 3 1/4 x 4 5/8	24ST. ALC SHT	47A8-T												
-7	.250 x 1 1/8 x 2 3/8														
28E5003 -0	.250 x 1 1/8 x 2 3/8	24ST. ALC SHT	47A8-T												

				-6	PB2Y-3	29E3423	1
				-8	XPB2Y-3	29E3423	1
				-7	XPB2Y-3	29E3423	1
				-6	XPB2Y-3	29E3423	1
				-0	PBY-5B	28E5004	1
				-0	28-5MN	28E5004	1
				-0	28-5MA	28E5004	1
				-0	28-5MC	28E5004	1
-8	PB2Y-3	29E3423	1	-0	28-5AMC	28E5004	1
-7	PB2Y-3	29E3423	1	-0	PB2Y-2	29P1221	1

AC		Boeing	[illegible]	[illegible]	[illegible]
NAVY NONE	Z-P-AP	5-2[illegible]	[illegible]	[illegible]	[illegible]
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG

NAME BRACKET ASSEM. ELEC. WARNING HORN SUPPORT

OPP. HAND NONE

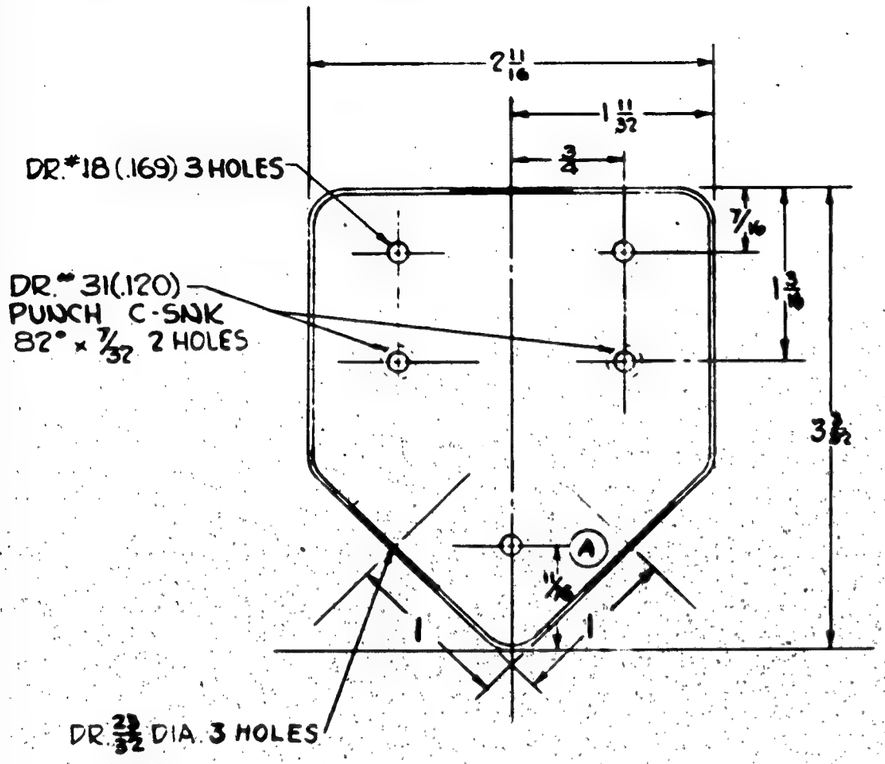
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

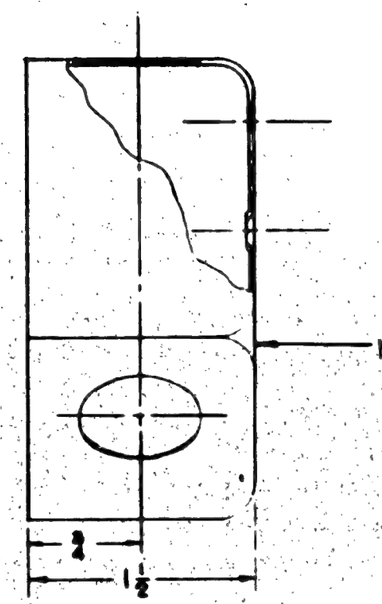
DWG. B SIZE

28E5003

LET	ALTERATION	DATE	BY
A	11/16 DIA. WAS 11/32 & 1" DIA.	2-10-42	[illegible]
	WAS 1 1/8		

PBY-5 MODIFICATION





NOTE:
FINISH NAF 39922-10 2P-AP
REMOVED ALL FINISH 3/32 AROUND
CONDUIT HOLES

ASSY DASH No	MODEL	NEXT ASSY.	REQ
-0	PBY-5	28E5008	1
-0	28-5ME	28E5008	1
-0	28-5MF	28E5008	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. .125

REPLACED BY — ACT. WT.

LIGHT OR SHADOWING UNLESS OTHERWISE SPECIFIED: 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
NAF 39922-10				1									

PARTS LIST PER ASSY. — -0 | -2 | -3 | -4 | -5

AC		Booher						
NAVY NONE	NOTED	5-28-42						R
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG.	

NAME JUNCTION BOX - ELEC. - WARNING HORN INBOARD

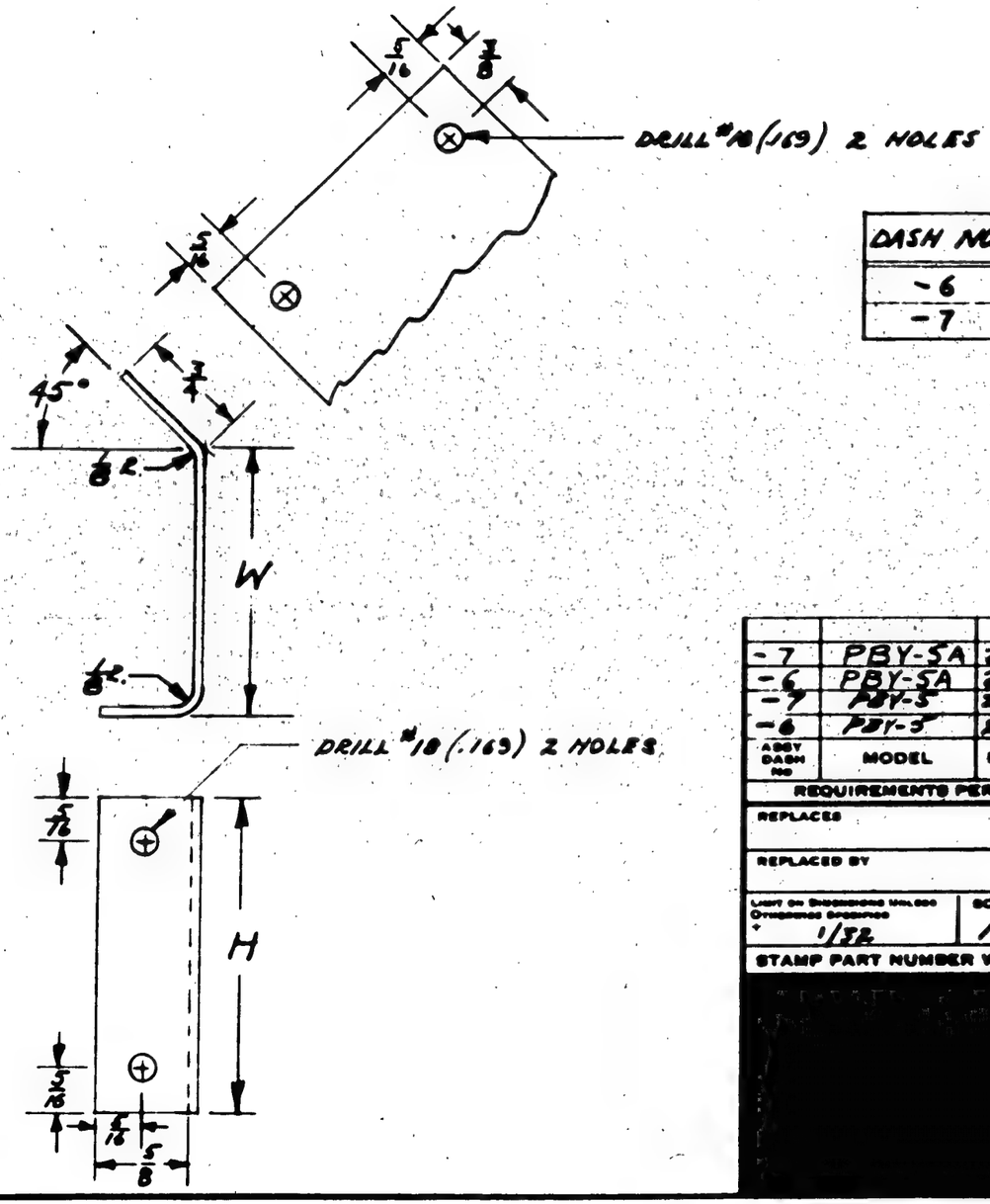
OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B — 28E5009

R

LET	ALTERATION	DATE	BY



DASH NO.	H	W
-6	3 1/4	1 3/8
-7	2	3 1/16

NOTE: CHECK ONE SET OF BRACKETS ON FIRST INSTALLATION BEFORE MAKING FOR ALL SHIPS.

G.P GREEN PRIME

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

-7	PBY-5A	28E5013	1
-6	PBY-5A	28E5013	1
-7	PBY-5	28E5013	1
-6	PBY-5	28E5013	1
ASSY DASH NO	MODEL	NEXT ASSY	QTY

REQUIREMENTS PER AIRPLANE

REPLACES — CALC WT

REPLACED BY — ACT WT

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
-7	.051 x 2 3/8 x 4 1/2	AL ALLOY SH'T.	AN-A10 - T										
-6	.051 x 3 3/8 x 3 1/2	AL ALLOY SH'T.	AN-A10 - T										

PARTS LIST PER ASSY.

AC							
NAVY NONE	E-P-2 G.P	11/13/39	11/13/39		12/7/39		K
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG

NAME BRACKET - SUPPORT - BOMBST VOLTAGE CONTROL BOX

OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE — 28E5012

TK

LET	ALTERATION	DATE	BY
E	CREATED -4 & -5 ASSY'S. FOR ALL ASSYS AN510-B10-18 (1) WAS AN510-B10-18 (1). REVISED REQ / PLANE. REA. FOR -1 & -3 SAME AS -0 & -2 NEG. WT. CHG.		

LET	ALTERATION	DATE	BY
A	REVERSED ORDER OF		
	ENTER BAR NOTE		
B			
C	ADDED AN 935-616, AN960-616		
	AN 335-B6 (1 EACH) REMOVED		
	AC 365-B616 (1) ALL ON -3 ASSY ONLY		
D	ADDED MAT'L NOTE "IT IS PERMISSIBLE		
	TO USE --- AN505-B616P		

PRT'S ALL

E.O. 33209

AN 505 B616-24 (1)
AC 365 B616 (1) AC 335 B6 (1)
(-0, -2, -1 & -4 ASSY'S)

AN 510 B10-18 (1)
AC 365-B1032 (1) AN 345 B10 (1)

(E) (A) 28E1082 (1) ON -1-3 & -5 ASSY'S. ONLY
28E5018 (1) ON -0-2 & -4 ASSY'S. ONLY

AC 335-B6 (1)
AN 960-616 (1)
AN 935-616 (1)
AN 505-B616-24 (1)
ON -3 ASSY ONLY

(C)

-0	-1	-2	-3
275	271	798	
321	351	789 355	
354	348	372	
119	292	274	
273	268 836	242	
353	837	322	
352	347	922 139	
272	267	923 241	

STAMP ITS NUMERALS ON SANDED SURFACE & FILL WITH WHITE PAINT

THESE ASSEMBLY NO'S INDICATED THE NUMERALS TO BE PLACED OPPOSITE THE TERMINALS IN THE INDICATED ASSEMBLIES

-0	IS	L.H. NEGATIVE
-1	IS	R.H. NEGATIVE
-2	IS	R.H. POSITIVE
-3	IS	L.H. POSITIVE

(REF.)

(D) MATERIAL NOTE:
IT IS PERMISSIBLE TO USE THE FOLLOWING PARTS AS ALTERNATE
AC365-1032 TO REPLACE AC365-1032
AN510-416-16 TO REPLACE AN510-416-16
AN510-10-18 TO REPLACE AN510-10-18
AC325-4 TO REPLACE AC325-4
AC385-6 TO REPLACE AC385-6
AC335-5 TO REPLACE AC335-5
AN345-10 TO REPLACE AN345-10
AC365-4B8 TO REPLACE AC365-4B8
AC365-616 TO REPLACE AC365-616
AC366-616 TO REPLACE AC366-616
AN505-516-24 TO REPLACE AN505-516-24
AN505-616-24 TO REPLACE AN505-616-24

(-4) ASSY } THESE ASSYS WITHOUT
(-5) ASSY } WIRE NO'S

AN510B416-16 (1)
AC 365-B428 (1)
AC 325-B4 (1)
} ON -1 & -3 & -5 ASS'YS ONLY (E)

AN 505 B516-24 (1)
AC 365 B518 (1)
AC 335 B5 (1)
} ON -0 & -2 & -4 ASS'YS. ONLY (B)

(E)

28E1081 (1)

28E1080-0 (1) ON -1-3 & -5 ASS'YS.
28E1080-2 (1) ON -0-2 & -4 ASS'YS. (B)

SAND OFF GLAZED SURFACE
SHELLAC 28E1081 TO 28E1080

NOTE				
#2004 ON	-3	PBY-5A	28E4047	2
	-2	PBY-5A	28E4047	2
C#8476 & NOW 464 #1514 TO 2003	-3	PBY-5A	28E4047	1
	-2	PBY-5A	28E4047	1
	-1	PBY-5A	28E4047	1
	-0	PBY-5A	28E4047	1
	O.H.	MODEL	NEXT ASSY.	REQ.

-0	PBY-5A	28E4047	1
-3	PBY-5	-5	1
-2	PBY-5	-5	1
-1	PBY-5	-5	1
-0	PBY-5	28E4047-5	1
ASSY DASH NO.	MODEL	NEXT ASSY	REQ.

C#8476 & NOW 464 #1514 TO 2003

REQUIREMENTS PER AIRPLANE

REPLACES	.125 CALC. WT
REPLACED BY	ADV. WT
UNLESS OTHERWISE SPECIFIED: ± .032	SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	-0 REQ	-2 REQ	-3 REQ	-1 REQ	-5 REQ
AN935-616				-	-	-	-	-
AN960-616				-	-	-	-	-
AC335-B6				-	-	-	-	-
AC365B518				-	-	-	-	-
AN935 B5				-	-	-	-	-
AN505B516-24				-	-	-	-	-
28E1082				-	-	-	1	-
28E1081				-	-	-	-	1
AC365B1032				-	-	-	-	-
AC365-B428				-	-	-	-	-
AC365-B616				-	-	-	-	-
AC335-B6				-	-	-	-	-
AC325-B4				-	-	-	-	-
AN345-B10				-	-	-	-	-
AN505-B616-24				-	-	-	-	-
AN510B416-16				-	-	-	-	-
AN510-B10-18				-	-	-	-	-
28E5018				-	1	-	-	-
28E1080-2				-	1	-	-	-
28E1080				1	-	1	-	-

PARTS LIST PER ASSY.

AC			
NAVY NONE	NONE		11-20-39
HEAT TREAT	FINISH		DRAFT

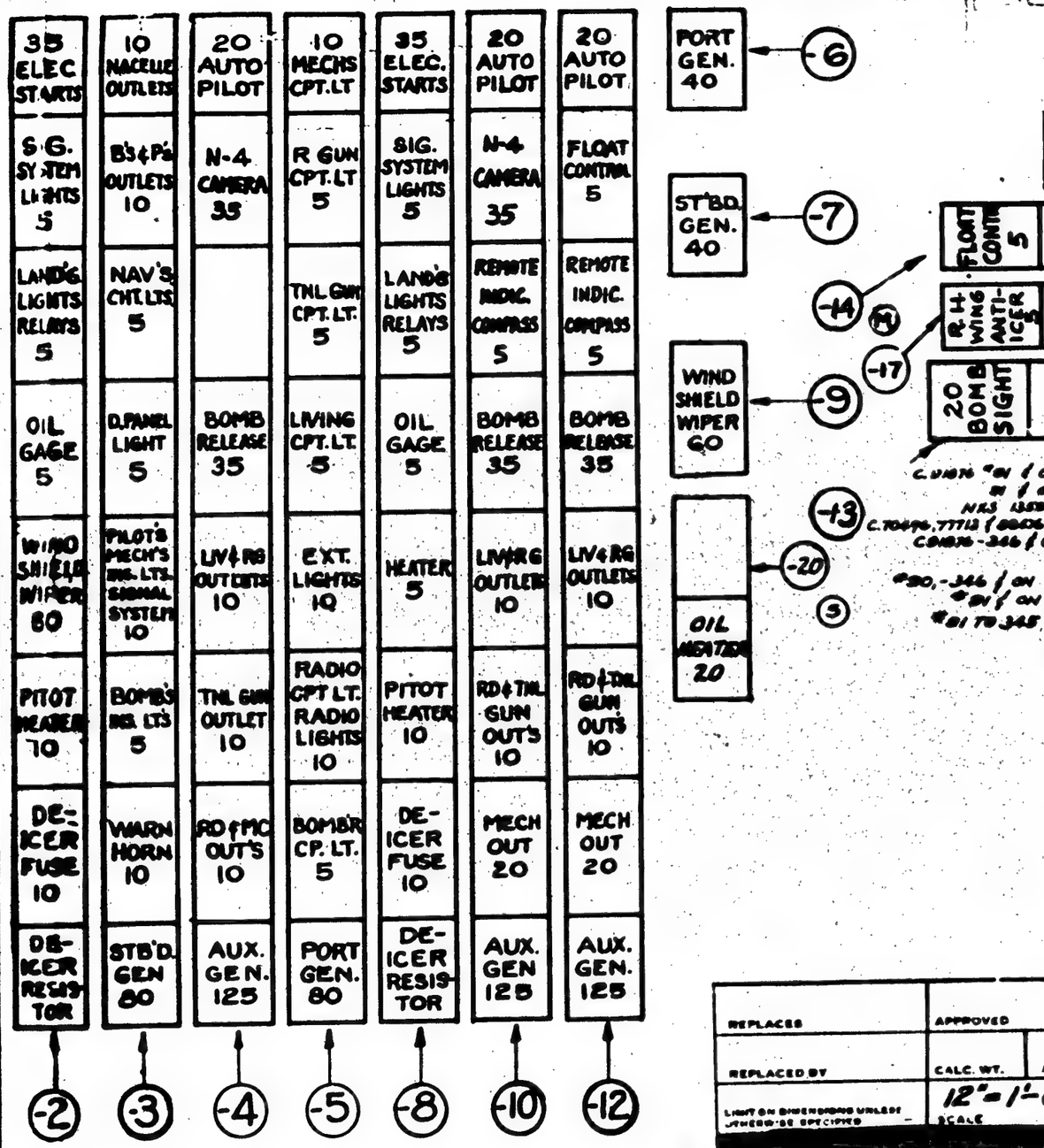
NAME BLOCK ASSEM - ELEC:- ENGINE TERM. BUS.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OFF HAND

SIZE B

28E5017



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
H	TRACED UP TO DATE	3-31-42	[illegible]
J	BROUGHT AIRPLANE BLOCK UP TO DATE (NO WT. CHG.)	7-1-42	SEYFERTH
K	ADDED "WINDSHIELD WIPER" TO -2 & HEATER TO -12.	7-18-42	HALLMAN
L	ON -12 REMOVED "HEATER -5" & REPLACED WITH "REMOTE INDIC. COMPASS -5", ON -10		
	ADDED "N-4 CAMERA" -35 REM IND. COMP -5	9-22-42	MILLS
M	ADDED -13 & -14 FUSE IDENTIFICATION STRIPS.	10-7-42	GALUSHA
N	ADDED -15 IDENT. STRIP	10-12-42	GALUSHA
O	ADDED N-4 CAMERA 35 ON -4.	10-17-42	MILLS

(ALTERATIONS CONTINUED)

LET	ALTERATION	DATE	BY
P	-17 WAS ADDED. -15 TAIL ANTI-ICER 30 WAS 80 & FLOAT CONTR. 5 WAS ADDED & ADDED -15 FOR PBY5A CONF. NKS 13586	12-28-42	HEATH
R	ADDED -16 STRIP ON FACE FOR -13 LIV & RG. OUT'S. RD & TNL GUN OUTS 30 WAS 10; MECH OUT 30 WAS 20 (NEG WT CHG)	1-22-43	SWISHER
S	ADDED -20 STRIP (NEG WT. CHG)	1-22-43	SWISHER
T	NOTE "PARTS --- OF DWG." WAS "PARTS --- DWG." SPEC. ("NOTED" WAS "NONE") WT. CHG. NEG.	2-9-43	WHITTIER

-20	PBY-5	28E4011	1																		
-16	PBY-5	28E5020	1																		
-15	PBY-5A	28E5020	1																		
-19	PBY-5	28E4011	1																		
-18	PBY-5	28E5020	1																		
-9	PBY-5	28E5020	1	EQA 99047																	
-14	PBY-5	28E4011	1																		
-13	PBY-5	28E5020	1																		
-8	PBY-5A	28E5020	1	EQA 99047																	
-4	PBY-5A	"	1	EQA 99043																	
-5	PBY-5A	"	1																		
-6	PBY-5A	"	1																		
-7	PBY-5A	"	1																		
-11	PBY-5A	"	1																		
-12	PBY-5A	28E5020	1																		
-10	PBY-5A	28E5020	1																		
-2	PBY-5A	28E5020	1																		
-8	PBY-5	28E5020	1																		
-7	PBY-5	28E5020	1																		
-6	PBY-5	28E5020	1																		
-5	PBY-5	28E5020	1																		
-4	PBY-5	28E5020	1																		
-3	PBY-5	28E5020	1																		
-2	PBY-5	28E5020	1																		

O. H.	MODEL	NEXT ASSY.	REQ	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.										

NOTE: PARTS MAY BE.
1. BLUE PRINT CUT-OUTS, OR
2. DECALCOMANIA, BLACK LINES ON WHITE, A.A.F. SPEC. 19118 WATER SLIP-OFF TYPE. (MAY BE PURCHASED FROM DUROCHROME CO, LOS ANGELES, CALIF. TYPE H, OR EQUIV.) PART NOS. TO BE PRINTED ON REVERSE SIDE OF PAPER BACKINGS. PARTS TO BE MADE TO SCALE OF "WG."

REPLACES	APPROVED	DATE
REPLACED BY	CALC. WT.	ACT'Y
LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	12"=1'-0" SCALE	

A C				EDISON	McCABE	GREEN	RING
NAVY NOTED	NOTED	NONE	NONE	11-21-39	12-7-39		
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	ENGR.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

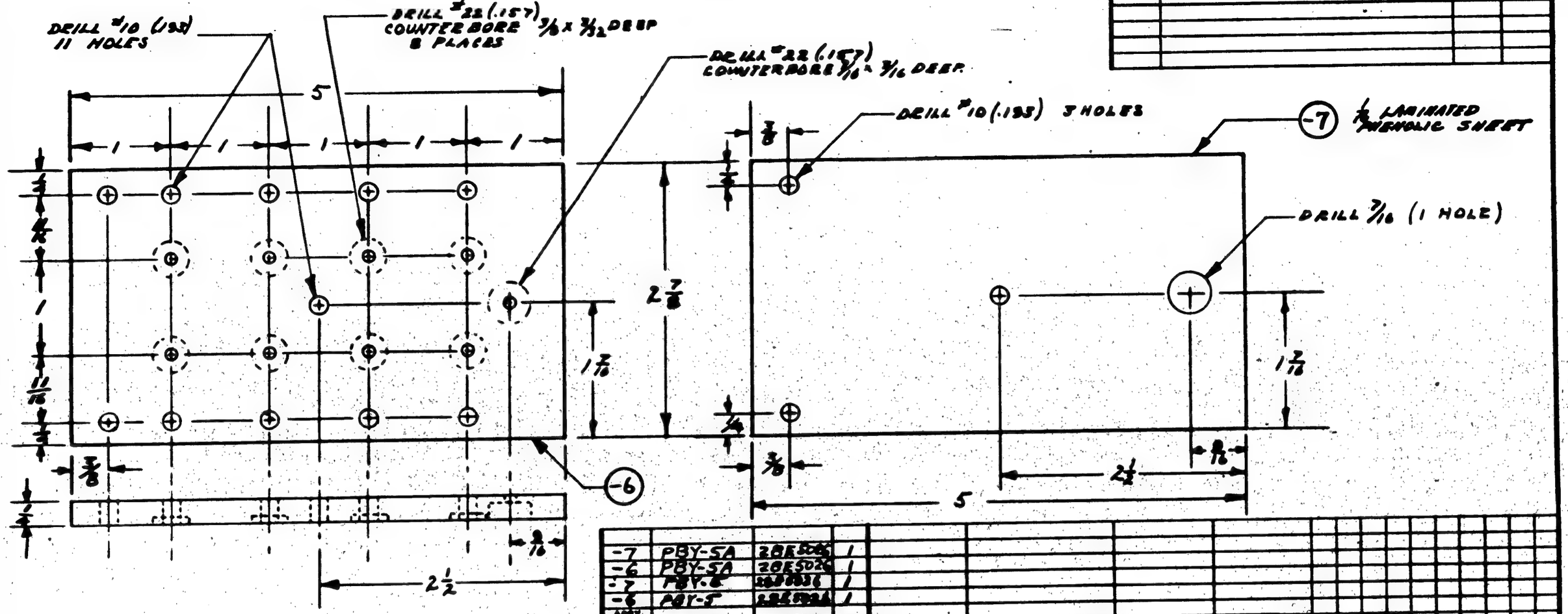
NAME STRIP - ELEC. FUSE IDENTIFICATION

OPP. HAND

DWG. SIZE B

28E5019

LET	ALTERATION	DATE	BY



-7	PBY-5A	28E5045	1
-6	PBY-5A	28E5021	1
-7	PBY-5	28E5033	1
-6	PBY-5	28E5034	1

ASSY. SASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES .188 GALC. WT.

REPLACED BY ASY. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE: 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
-7	1/16 x 2 7/8 x 5	LAM. PHENOLIC	MIL-P-15037 TYPE XXXP	1									
-6	1/16 x 2 7/8 x 5	LAM. PHENOLIC	MIL-P-15037 TYPE XXXP	1									

PARTS LIST PER ASSY.

A C		Findings						
NAVY NONE	NONE	12/11/39	9/6/39		10/7/39		R	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME BLOCK - ELEC. FUSE PANEL

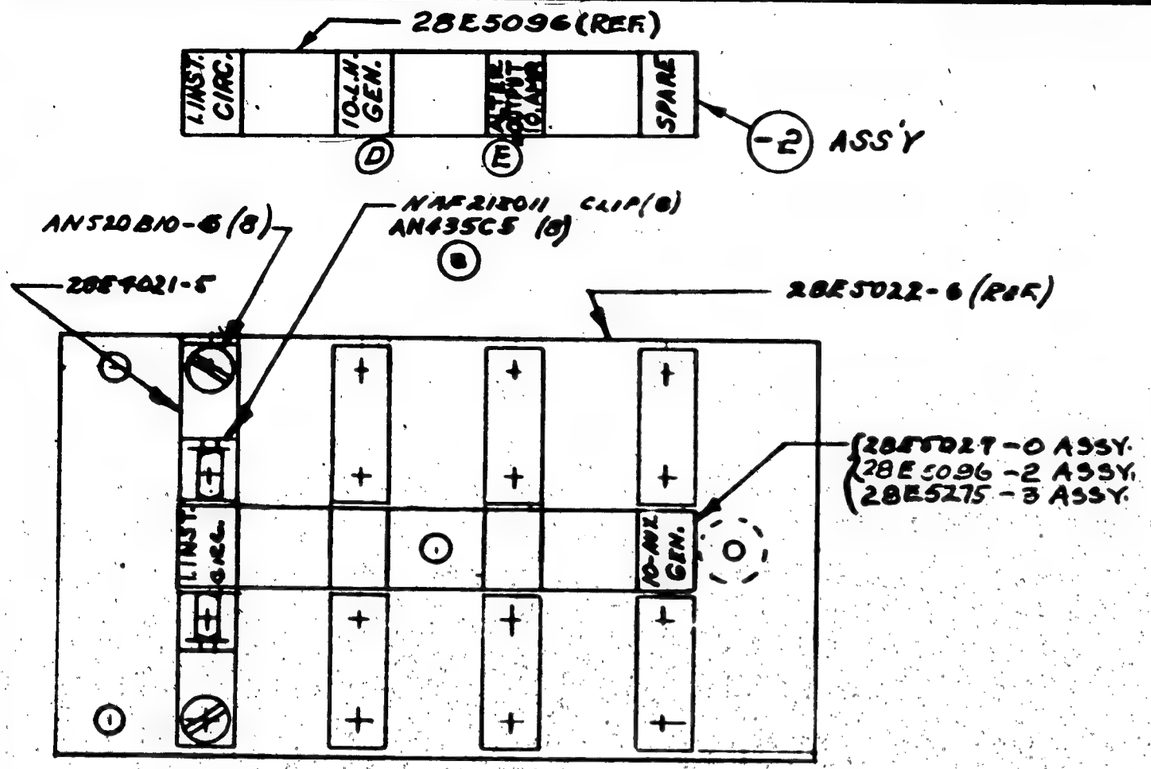
OPP. HAND NONE

SIZE B

28E5022

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

R



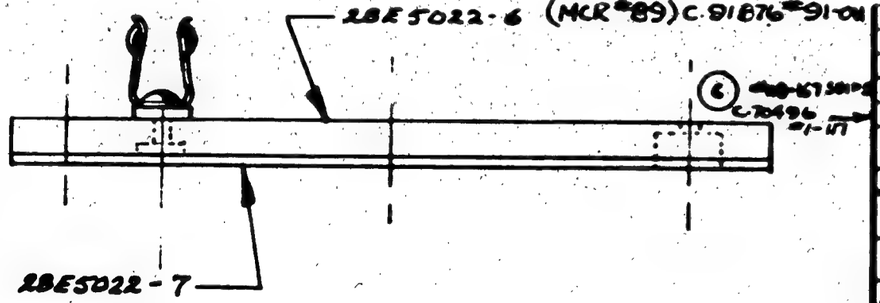
LET	ALTERATION	DATE	BY
A	AN520-B10-5 WAS ANS520-B10-5	7/6/40	CLAYTON
	-6		
B	AN435C5 WAS AN441C-5	8/6/41	[illegible]
C	ADDED -2 ASS'Y & 28E5096	8/6/41	[illegible]
D	ADDED NOTE TO FACE & REVISED NAMEPLATES AS TO LOCATION	9/20/41	[illegible]
E	LETTERING AT THIS LOCATION ON STRIP WAS (SPARE)	-	
F	CREATED -3 ASS'Y & ADDED 28E5275 (NO WT. CHG.)	12-18-42	[illegible]

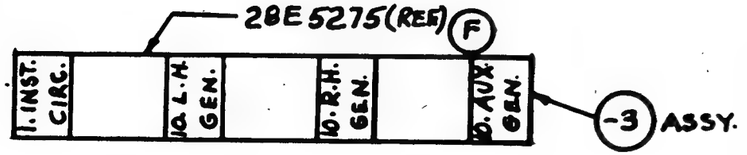
E.O. 31751
E.O. 37029
PBY-5 E.O. A2988

E.O. 60540 (MCR #89)

NOTES:- SAND OFF GLAZE ON 28E5022-6 & -7
ASSEMBLE 28E4021-5 BUS & NAF 213011 CLIP ON 28E5022-6.
GLUE 28E5022-6 TO 28E5022-7.
GLUE 28E5027 IDENTIFICATION STRIP TO 28E5022-6 AS SHOWN.

(D) IDENTIFICATION STRIP INVERTED ON -2 ASS'Y ONLY





ASSY. DASH NO	MODEL	NEXT ASSY.	QUAN.
-3	PBY-5	28E5281	1
-0	PBY-5A	28E4016	1
-2	PBY-5	28E5097	1
-5	PBY-5	28E4013	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. .37

REPLACED BY — ASY. WT.

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
AN520B10-5				8	8	8	8	8	8				
AN435C5-10				8	8	8	8	8	8				
NAF213011				8	8	8	8	8	8				
28E6275								1					
28E5096						1							
28E4021-5				8	8	8	8	8	8				
28E5027				1		1		1					
28E5022-7					1		1		1				
28E5022-6					1		1		1				

PARTS LIST PER ASSY.

AC		Kellogg					
NAVY NONE	NONE	12/11/39	12/19/39		12/17/39		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME PANEL ASS'Y.- ELEC.- A.C. FUSE.

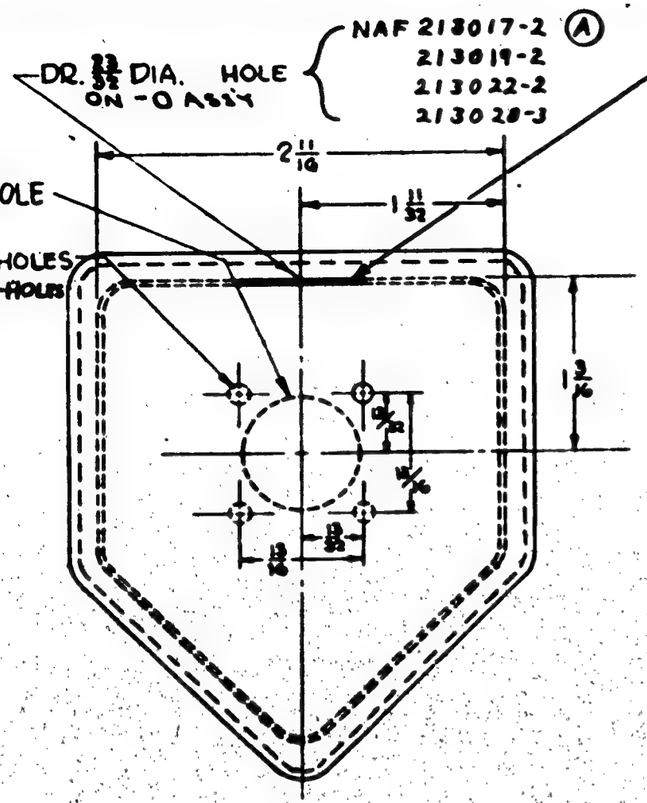
OPP. HAND NONE

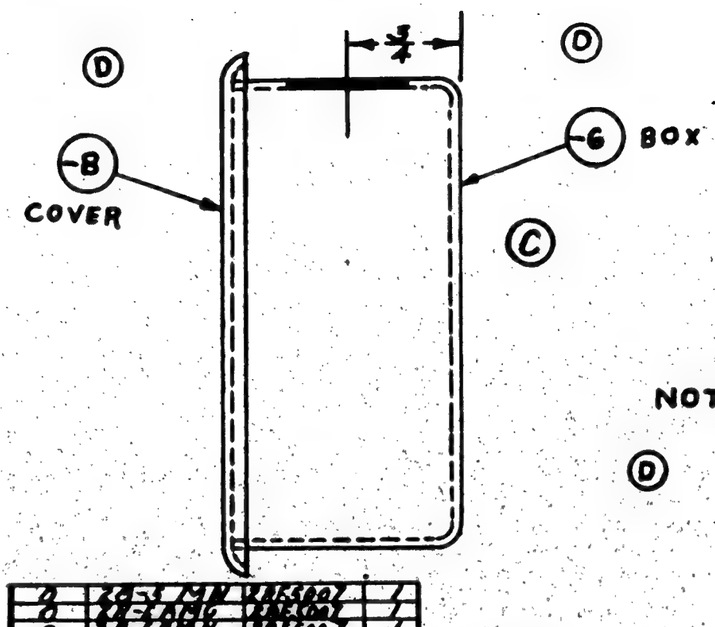
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28E5026

LET	ALTERATION	DATE	BY
A	CONDUIT FITTINGS ADDED	6-13-40	[illegible]
B	CHG CONDUIT HOLE AND FITTINGS AND CREATED -2 ASSY	2-28-42	[illegible]
C	ADD'D SIDE VIEW	4-27-42	[illegible]
D	-6 & -8 WAS NA.F 39922-10. ADDED NOTES 1 & REVISED 2, NO WT. CHG.	7-14-42	[illegible]

28E5036





FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

NOTES:-

1. -6 & -8 MADE FROM NA.F.1128-1 BOX & COVER ASS'Y.
2. FINISH -6 & -8 2P-AP REMOVED ALL FINISH 3/32 AROUND CONDUIT HOLES.

(D)

8	28-3 MA	28E5007	1
8	28-3 MB	28E5007	1
8	28-3 MA. MC	28E5007	1
-8	PBY-3A	28E5007	1
-6	PBY-3B	28E5007	1
-0	PBY-5	28E5007	1
-0	28-5ME	28E5007	1
-0	28-5MF	28E5007	1

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES — Orig. Iss.

REPLACED BY — Appl. Iss.

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH RH REQ.	LH RH REQ.	LH RH REQ.	LH RH REQ.	LH RH REQ.
AN3065-4					1		1	
AN3065-5								1
NAF218028-3				1				
NAF218022-2				1				
NAF218019-2				1				
NAF218017-2				1				
-8				1				
-6				1				
PARTS LIST PER ASSY.				-0	-2	-3	-4	-5

AC		Booher	
ASSY NONE	NOTED	6-17-40	WILLMER MAR 6
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / MAT. / APPROV. / ENG.

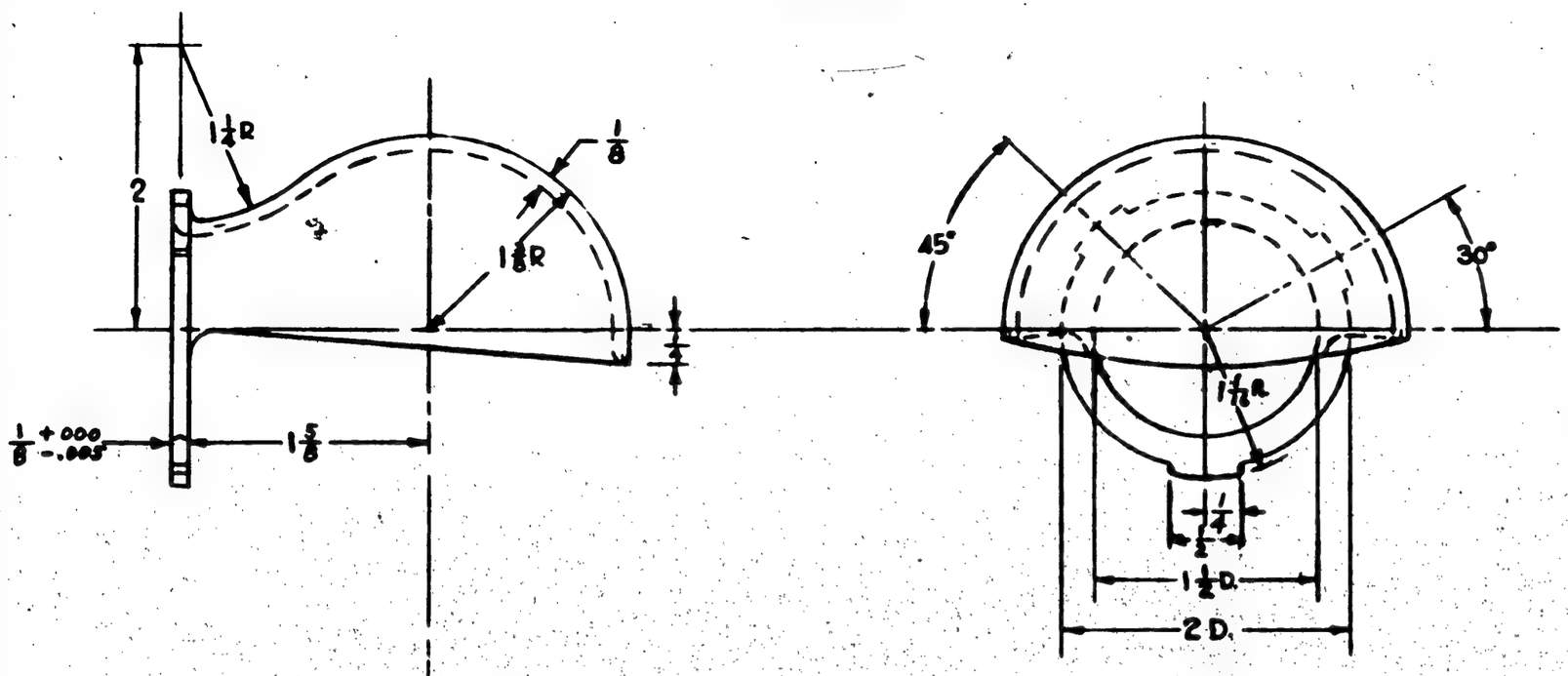
NAME JUNCTION BOX-ELEC-WARNING HORN INSTL. BLKHD 5

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

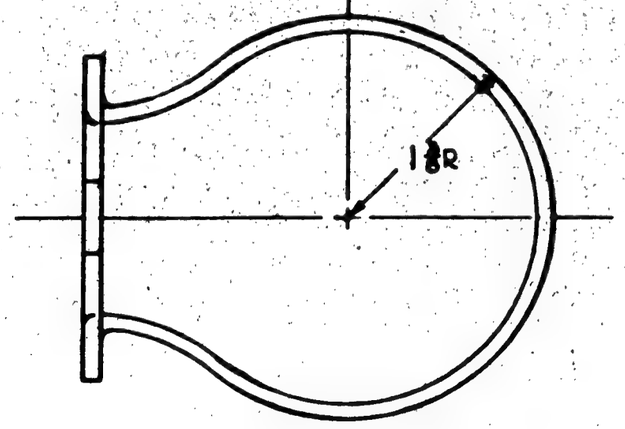
OPP. HAND NONE

SIZE B — 28E5036

LET	ALTERATION	DATE	BY
A	D'WG. REVISED TO SUIT PLASTIC PRODUCTION REQUIREMENTS	7-22-40	
B	IN REQ/AIRP. BLOCK, INSERT ASSY. 28E1013 (1) WAS (4 REQ.) FOR PBY-5A. WT. CHG. NEG.	11-22-40	



NOTE:-
TABBED FLANGE MUST TURN WITH SLIGHT FRICTION IN 28E5040 RING.
INSIDE SURFACE OF REFLECTOR TO HAVE HEAT RESISTANT ALUMINIZED FINISH.



ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28E5365	1
	PBY-5A	28E5365	3
	PBY-5A	28E1013	1
	PBY-5A	28E1012	1
	PBY-5A	28E1011	1
-0	PBY-5	28E1013	4
-0	PBY-5	28E1012	1
-0	PBY-5	28E1011	1

REQUIREMENTS PER AIRPLANE

REPLACES .024 Sand. Wt.

REPLACED BY Adv. Wt.

UNIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	WALNUT BAKELITE		AM 0642										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		Designer					
NAVY NONE	NOTED	7-1-40			9/11/40	9/23/40	R
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENGR.

NAME REFLECTOR - ELEC - COMP'T. LIGHT

OPP. HAND NONE

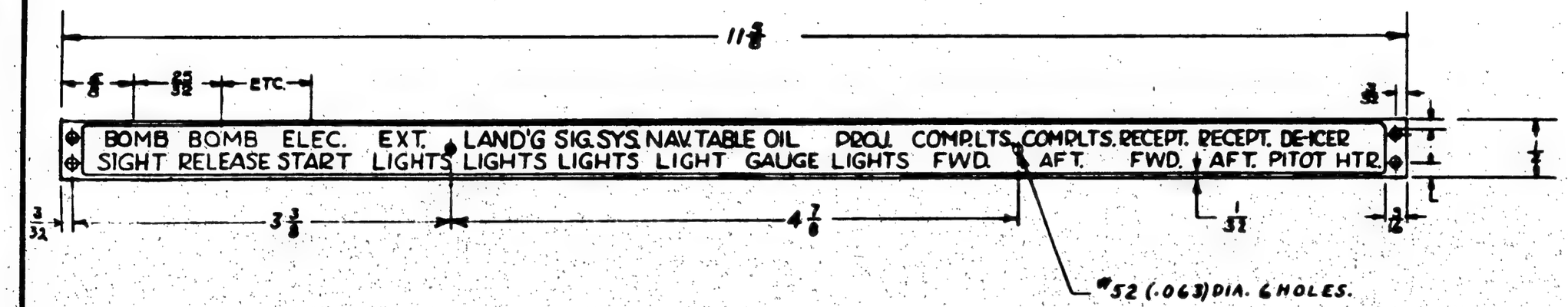
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B

28E5039

R

LET	ALTERATION	DATE	BY



NOTE:

1 ALL LETTERS 1/8
2 LETTERING, EDGES & MARKING RAISED & POLISHED, BACKGROUND ETCHED & FINISHED WITH DULL BLACK LACQUER

ASSY DASH NO	MODEL	NEXT ASSY.	QTY
-0	PBY-5A	28E4011	1
-0	28-5-ME	28E4014	1
-0	PBY-5	28E4011	1

REQUIREMENTS PER AIRPLANE

REPLACES Q3577-7 FOR PBY-5 .01 CALC WT.

REPLACED BY ACT WT

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± .010

SCALE 12" = 10"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.080 X 5 X 11 5/8	AL. SHEET	47A2-H	1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		9/12/40					
NAVY NONE	NOTED	FINGERLE	CHECK	STRUCT.	MAT	APPROV.	ENG.
HEAT TREAT	FINISH	DRAFT					

NAME NAMEPLATE-ELEC.-
MAIN DISTRIBUTION PANEL

OPP. HAND

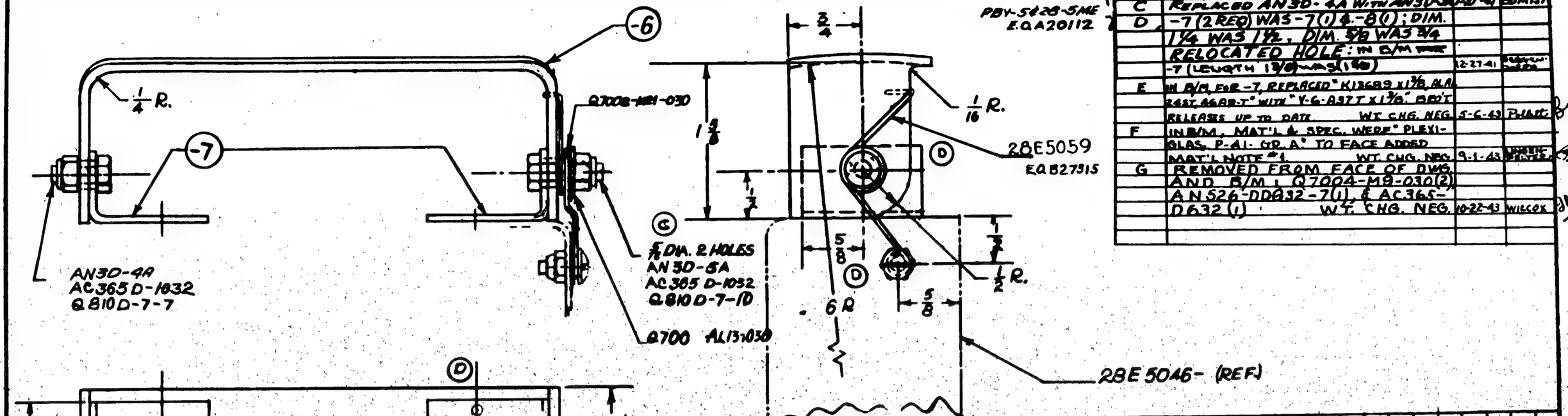
SIZE B

28E5043

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

LET	ALTERATION	DATE	BY
B	REVISED & REDRAWN	10/15/40	MM
C	REPLACED AN30-4A WITH AN30-4	11-21-41	BOMINF
D	-7 (2 REQ) WAS -7(0) & -8(0); DIM. 1¼ WAS 1½, DIM. ⅝ WAS ¾ RELOCATED HOLE: IN B/M PART -7 (LENGTH 13/0 WAS 13/8)	12-27-41	[illegible]
E	IN B/M FOR -7, REPLACED "K13689 x 1 3/16 ALA. RIVET, AGAR-T" WITH "Y-G-A37T x 1 3/16" BRIT. RELEASES UP TO DATE WT. CHG. NEG.	5-6-43	PLANTZ
F	IN B/M, MAT'L & SPEC. WERE "PLEXIGLAS, P-41- GR. A" TO FACE ADDED MAT'L NOTE #1 WT. CHG. NEG.	9-1-43	[illegible]
G	REMOVED FROM FACE OF DWG. AND B/M; Q7004-M9-030(2), AN526-DD632-7(1), & AC365-D632(1) WT. CHG. NEG.	10-22-43	WILCOX

PBY-5 & 28-5ME E.O.A20112



C 31876 & C 70496
EXCEPT 15 SHIPS

SHIPS #1 TO #58 INCL., #68 TO #133 INCL., #140 & ABOVE

MATERIAL NOTE-
1- MAT. FOR -6 MAY BE:
Ⓐ PLEXIGLAS, SPEC. P-41, GR. A, OR
Ⓑ CELLULOSE ACETATE, SPEC P-41, GR B

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ'D
-0	PBY-5A	28E5046	1
-0	PBY-5B	28E5046	1
-0	28-5AMN	28E5046	1
	28-5AMC		1
	28-5ME, MN		1
	28-5MA, MC		1
-0	PBY5,	28E5046	1

REQUIREMENTS PER AIRPLANE

REPLACES 28E5049 OF 8-26-40 — .09 CALC. WT.

REPLACED BY — ACT. WT.

LIGHT ON BLUEPRINTS UNLESS OTHERWISE SPECIFIED + 1/32 —

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
Q7008-M21-030								1					
Q7008-AL13-030										1			
Q810D-7-10												1	
Q810D-7-7													1
AC365D-1032								2					
AN30-4A										1			
AN30-5A												1	
28E5059								1					
-7	Y-G-A37T x 1 3/8							2					
-6	100X1½X9	NOTED	NOTED	1									

PARTS LIST PER ASSY.

AC			Navy	Bodine		JFL			
NAVY NONE	NOTED ON DETAILS		10-14-40	10-16-40					
HEAT TREAT	FINISH		DRAFT	CHECK	STRUCT	MAT	APPROV	ENG	

NAME GUARD-ELEC.- FAST FEATHER SWITCH

OPP. HAND NONE

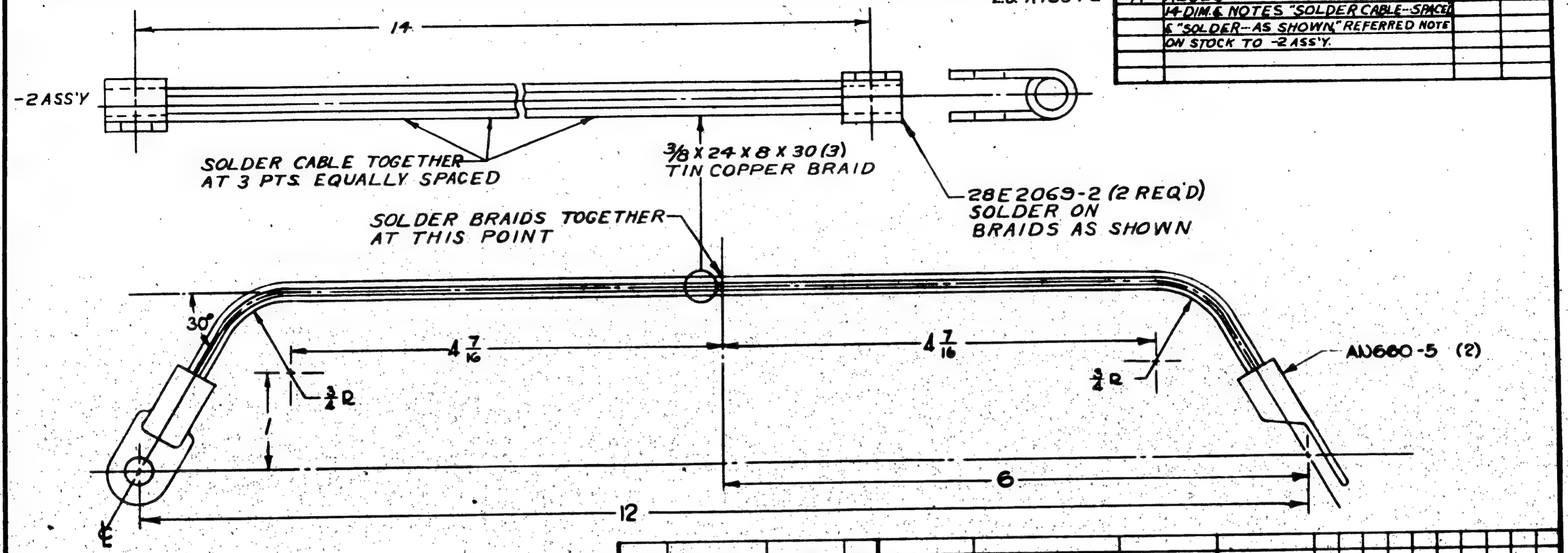
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE

28E5049

EQ A 18342

LET	ALTERATION	DATE	BY
A	ADDED -2 ASS'Y & REQ'TS. ADDED 4-7-42 SAUNDERS		
	14 DIM. & NOTES "SOLDER CABLE--SPACED		
	& "SOLDER--AS SHOWN" REFERRED NOTE		
	ON STOCK TO -2 ASS'Y.		



CONTS 77743 88498

	PBY-5B	28E6049	2
-2	PBY5A	28E5030	2 EA
-0	28-5 MB	28E5030	1
-0	PBY-5C(A)	28E5030	2 EA
ASSY. DASH No.	MODEL	NEXT ASSY.	USED

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 & 1°

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	Tin Copper Braid 3/8 x 24 x 8 x 30 x 14½ Long			3		3							
28E2069-2						2							
AN660-5				2									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

NOTE:-
BRAID APPROX 14½ LONG.

AC		Booher					
NAVY None	None	10-7-40	10/3/40				R
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG.

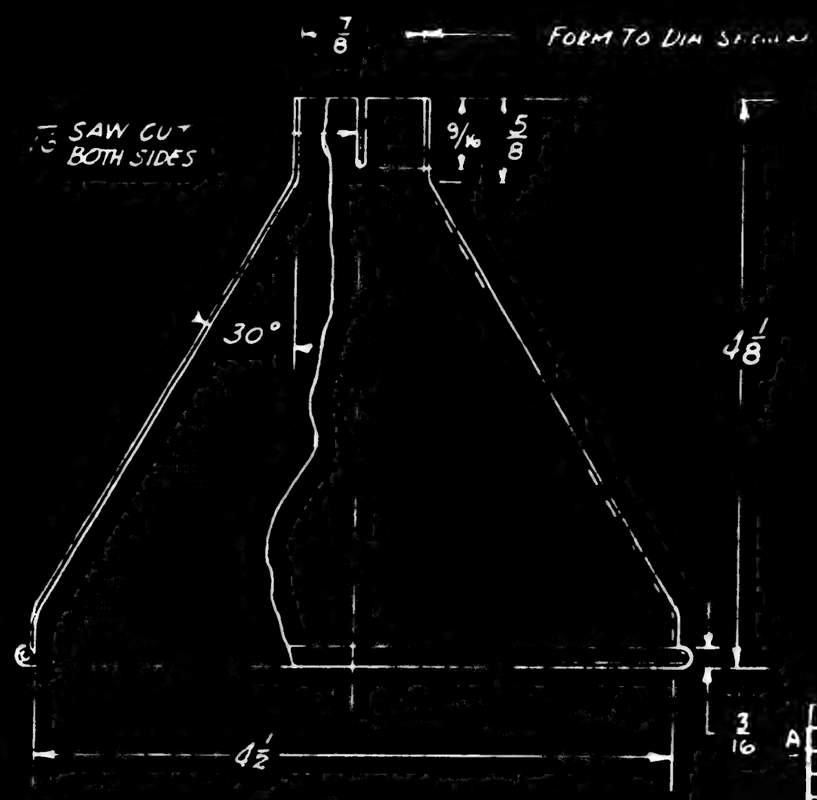
NAME STRAP - ELEC - STARTER GROUND

OPP. HAND None

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B | DWG. 28E5055

LET	ALTERATION	DATE	BY
A	ADD HOLES B24C & D (TEMP'S 6-6-41 M/C.) 4 EA		



NOTE:
FINISH - P-27 PRIMER CHROMATE
ALUMINIZED PRIMER OUTSIDE
WHITE LAQUER INSIDE
MATERIAL COMMERCIAL ALUM (.020 THICK)

ASSY DASH NO	MODEL	NEXT ASSY	REQ
	PBY-5B	28E6117	2
	PBY-5A	28E1218	2
	B-24A		
	B-24		
	28-5 ALL		
	PBY-5	28E1218	

REQUIREMENTS PER AIRPLANE

REPLACES 28E1217- — 12 EACH WT

REPLACED BY — ASSY WT

LIMIT ON 3 PLACE DECIMAL DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32 & 1/2°

SCALE 12" = 1-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC	NOTES	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
PARTS LIST PER ASSY							-0		-2		-3		-4		-5	

AC
NAVY NONE
HEAT TREAT

VITEL
FINISH

Barber 10/21/40
DRAFT

CHECK | STRUCT | MAT | APPROV | ENG

NAME ASSEMBLY - SHADE - ELEC. NAVIGATOR'S TABLE LIGHT

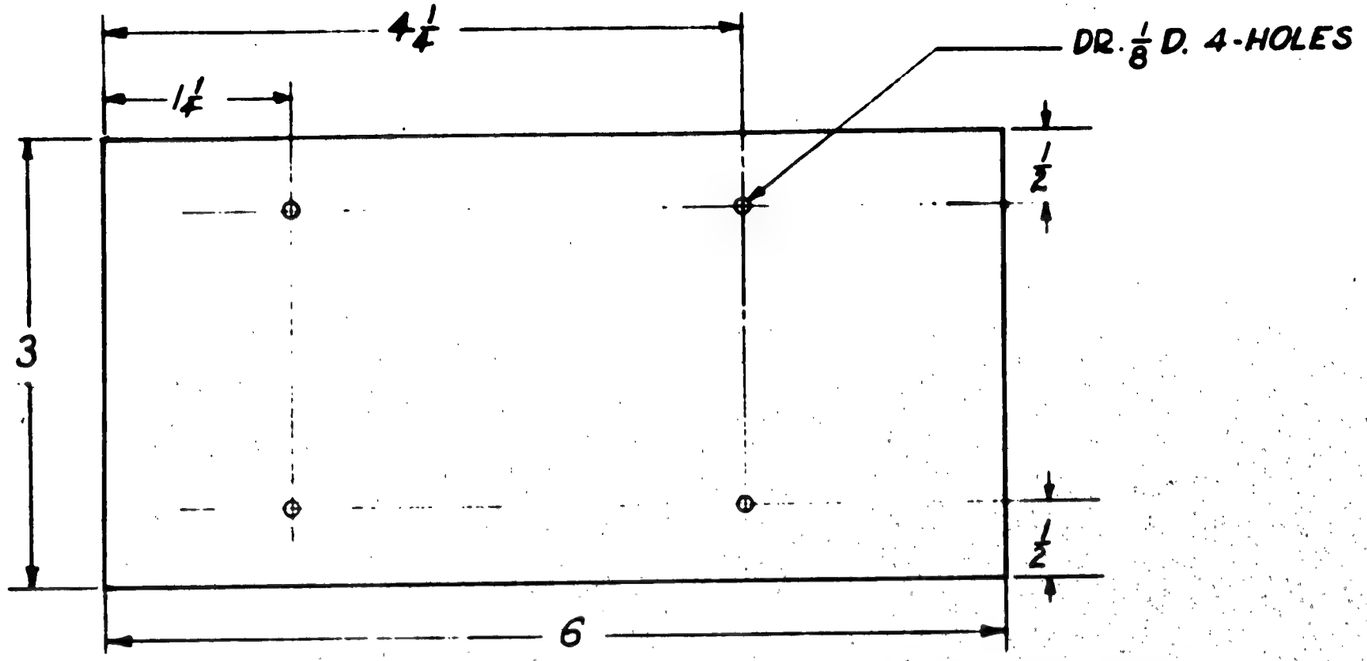
CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF

OPP HAND NONE

DWG B 28E5060

SIZE

LET	ALTERATION	DATE	BY



-0	PBY-5A	28F5005	1
-0	28-5MU	28F5556	1
-0	28-5MA	"	1
-0	28-5AMC	"	1
-0	28-5MC	"	1
-0	28-5ME	28F5556	1
-0	PBY-5	28F5005	1
ASSY DASH NO	MODEL	NEXT ASSY.	QTY

REQUIREMENTS PER AIRPLANE

REPLACES .03 CALC. WT.

REPLACED BY ACT. WT.

LAST ON DRAWING WITH THIS DASH NO. / DRAWING DISCONTINUED: ± 1/16

SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

This has been done on all ships to date.

PART NO.	STOCK	MATERIAL	SPEC.	1 LH RH REQ.	2 LH RH REQ.	3 LH RH REQ.	4 LH RH REQ.	5 LH RH REQ.
	.032 x 3 1/2 x 6 1/2	MICARTA	ITPS FBG					

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC		HAPP	Brkt.		Trim		
NAVY NONE	NONE	11-8-40	11-8-40				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG

NAME SHIELD - ELEC - MECH. INST. PANEL

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28E5061

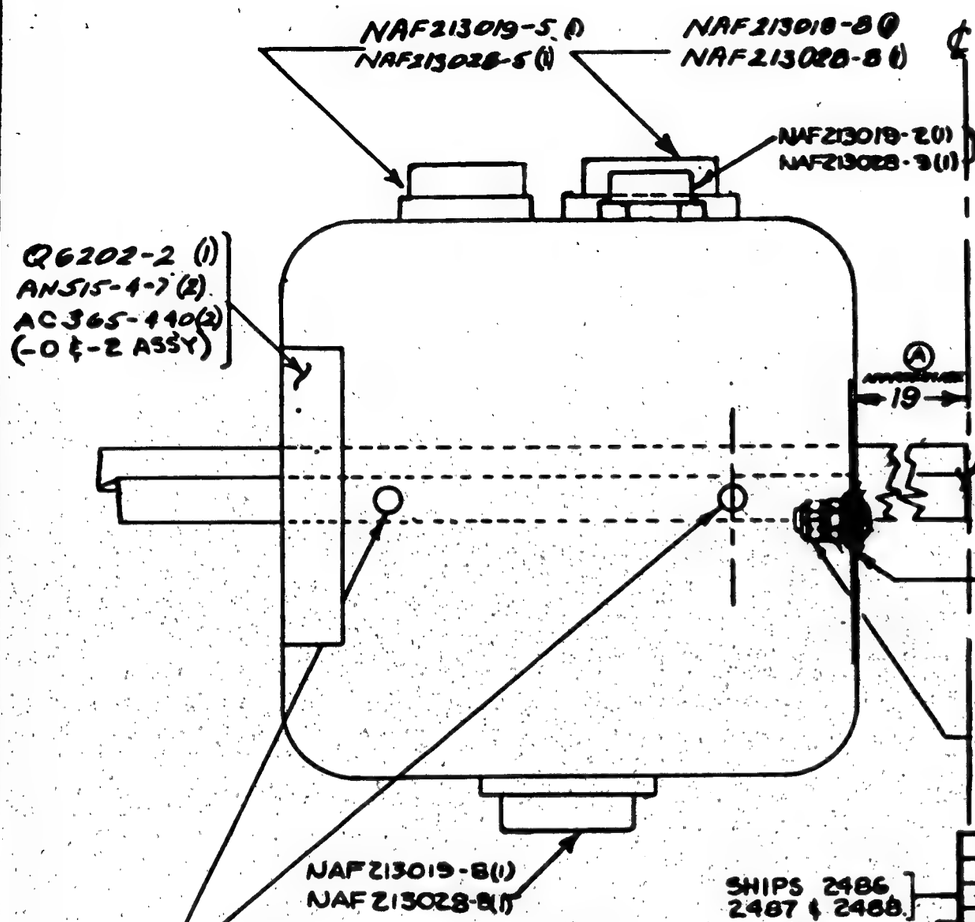
R

LET	ALTERATION	DATE	BY
A	RELOCATED BOX 28E5070, 19" WAS 3/4	8-16-41	EDWARDS
B	AN526-1032-10(1), AN345-1032(1),	9-30-41	CLARK
	Q7102AL10(2) & AC365-1032(1)		
	AN935-10(1) WAS AN526DD1032-8(1)		
	& AN345-D-1032(1)		
C	28E5071-2 REPLACES 28E5071-0		
	IN -2 ASS'Y ADDED NAF213019-2(1)		
	& NAF213028-3 TO -2 ASS'Y.		
	CREATED -2 ASS'Y	9-30-41	CLARK
D	CREATED -3 ASS'Y. WT. CHG. NEG.	1-19-43	MANNING
E	REMOVED -3 ASSY. NO WT. CHG.	6-19-43	STRONG

E.O. A15905

E.O. A20996

E.O. A87184 MCR 104-C



STRINGER #28B1000-210 (REF.)
(THIS IS THE LOWEST SHORT STRINGER BETWEEN THE BULKHEAD AT STA. 100 & THE PILOTS WINDOW ON THE PORT SIDE.)

28E5071 ON-0 ASS'Y. (C)
28E5071-2 ON-2 ASS'Y. (E)(D)

AC365-1032(1)	(B)
AN345-1032(1)	
Q7102AL10(2)	-0 & -2 ASSY
AN935-10(1)	
AN526-1032-10(1)	
GROUNDING SCREW	

ASSY. DASH NO.	MODEL	NEXT ASSY.	QTY.
-2	PBY-5A	28E1011	1
-0	PBY-5A	28E1011	1
-0	PBY-5	28E1011	1

SHIPS 2486, 2487 & 2488.

C.70496, 77713 & 88476 ONLY

C.70496 #90-167 & C.91676 #1-89

REQUIREMENTS PER AIRPLANE

REPLACED — .4 GALS. WT.

REPLACED BY — ASY. WT.

UNLESS OTHERWISE SPECIFIED — SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
NAF213019-2					1								
NAF213028-3					1								
AC365-1032				1									
Q7102AL10				2		2							
AN935-10				1		1							
28E5071-2					1		1						
AN526-1032-10				1		1							
AN515-4-7				2		2							
AC365-440				2		2							
Q6202-2				1		1							
NAF213018-8				2		2							
NAF213028-8				2		2							
NAF213028-5				1		1							
NAF213019-5				1		1							
28E5071				1		1							
AN526DD1032-8				2		2							
AC365D1032				2		2							
AN345-1032				1		1							

PARTS LIST PER ASSY.

AC				12/26/42				NOVAK							
NAVY NONE	NONE			N. [illegible]				12/31/42							
HEAT TREAT	FINISH			DRAFT	CHECK	STRUCT.	MAT.		APPROV.	ENG.					

NAME BOX INST'N. — ELEC. — A.F.C PULL

OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B

28E5070

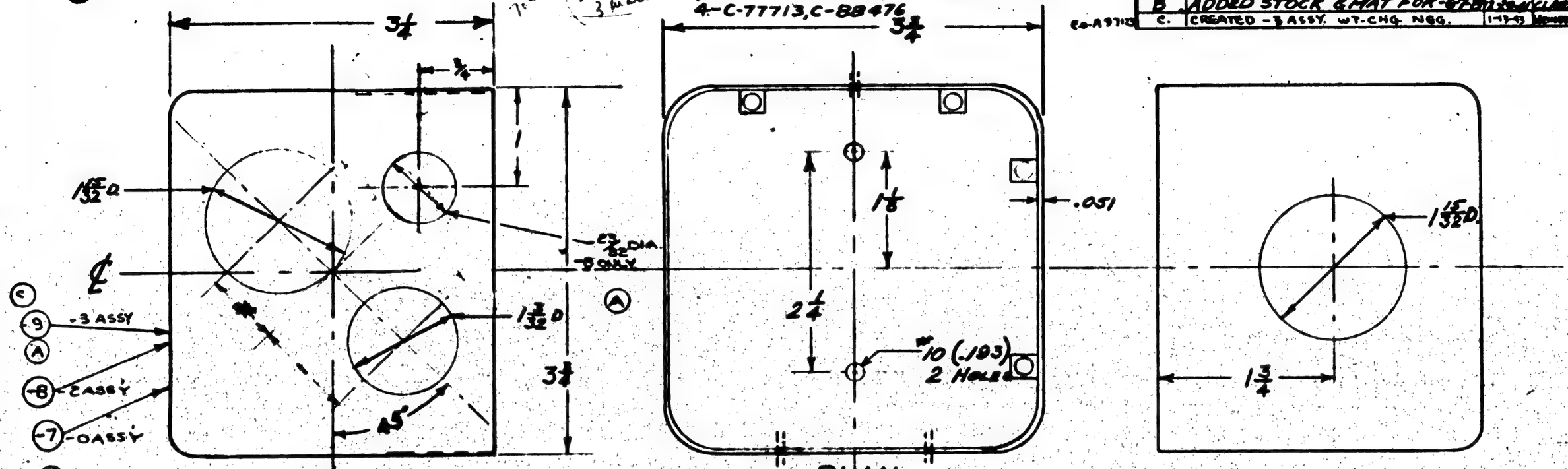
NOTE:
-6 COVER NOT SHOWN

5.-CONT. NAS 1595

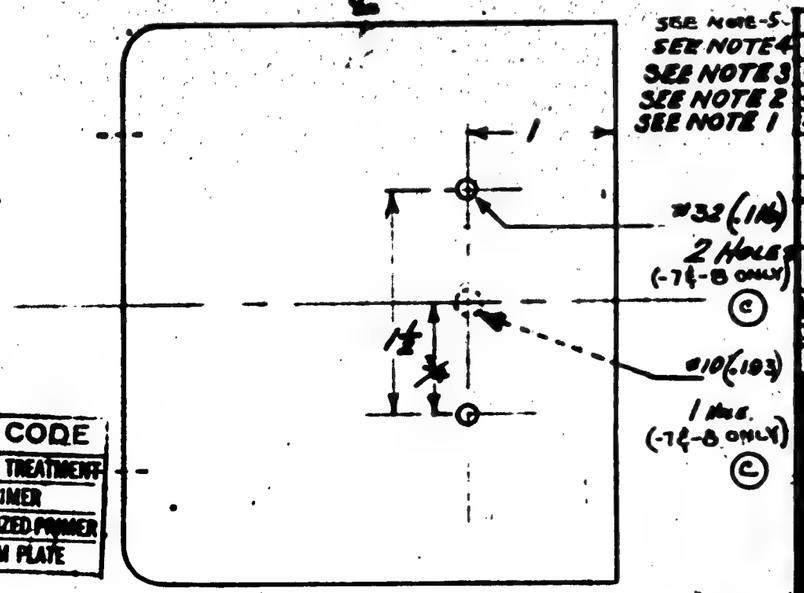
NOTES:

1.- FOR SER. NOS. 2386-2455
2: FOR SER. NOS. 2456-2485 & 2489 & ON
3: FOR SER. NOS. 2486-2488, C-70426
4- C-77713, C-88476

LET	ALTERATION	DATE	BY
A	ADDED 33/32 HOLE-CALLED OUT		
	-5 REQ. - 2 ASSY. CREATED - 3 ASSY.		
	CALLED OUT - 6 COVER & - 7 BOX		
	& ADDED NOTE	2-28-43	[illegible]
B	ADDED STOCK & MAT FOR -6	3-18-43	[illegible]
C.	CREATED - 3 ASSY. WT-CHG. NEG.	1-13-43	[illegible]



PLAN



SEE NOTE 5	-3	PBY-5A	28E5070 1
SEE NOTE 4	-0	PBY-5A	28E5070 1
SEE NOTE 3	-2	PBY-5A	28E5070 1
SEE NOTE 2	-0	PBY-5A	28E5070 1
SEE NOTE 1	-0	PBY-5	28E5070 1
ASSY. DASH NO.	MODEL	NEXT ASSY.	QTY.

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. .2
REPLACED BY — ACT. WT.

SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-3	MAKE FROM P/N BOX 1115-318N							1					
-2	MAKE FROM P/N BOX 1115-318N					1							
-7	MAKE FROM P/N BOX 1115-318N			1									
-6	MAKE FROM P/N COVER 1115-320			1		1		1					

AC			10/26/42	[illegible]		Norman	Gordon
NAVY None	P		12/31/42	[illegible]		None	[illegible]
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME PULL BOX—ELEC.—
A.E.C. JUNCTION

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

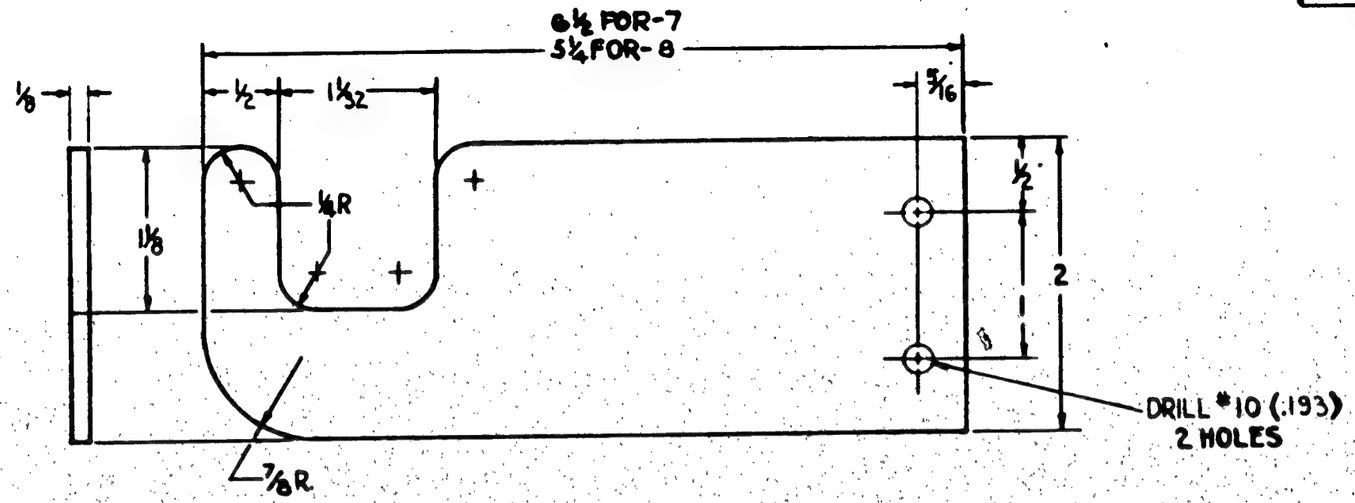
OPP. HAND None

DWG. B SIZE 28E5071

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

LET.	ALTERATION	DATE	BY
A	NEW DWG. REPLACING		
	E.O. 2221 ADD. 28E5007	1-3-41	
B	ADDED -7 & -2 ASS'Y	2-15-41	HANLEY
C	REPLACED -6 WITH -8. REMOVED REQ'TS. FROM		
	-0 & -2 ASS'Y & REVISED REQ'TS. PER AIR-		
	PLANE BLOCK. NEG. WT. CHG.	4-27-42	WILLIAMS

E.O A38904 /1



PURCHASE TO DWG.

-7	PBY-5A	28E5001	1
-8	PBY-5B	28E5007	1
-7	28-5AMC	28E5007-SA2	1
-8	28-5MN		1
-8	28-5MS		1
-8	28-5MS & MN	28E5007	1
-8	PBY-5	28E5007	1
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ

REQUIREMENTS PER AIRPLANE

REPLACED 28E5007-53 PER E.O. 28531 DATED 10-29-40 — .07 CALC. WT.

REPLACED BY — ASS'Y. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 12" - 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
-7	1/8 x 2 x 6¼	MICARTA	17 PS, TYPE -						
-8	1/8 x 2 x 5¼	MICARTA	FBG, FORM 3						

PARTS LIST PER ASS'Y.

AC		12-20-40	Boohar	Boohar	Novak	Klein	Jones	
NAVY NONE	NONE	CARLSON 1-8-41	2-19-41		1-17-41			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG.	

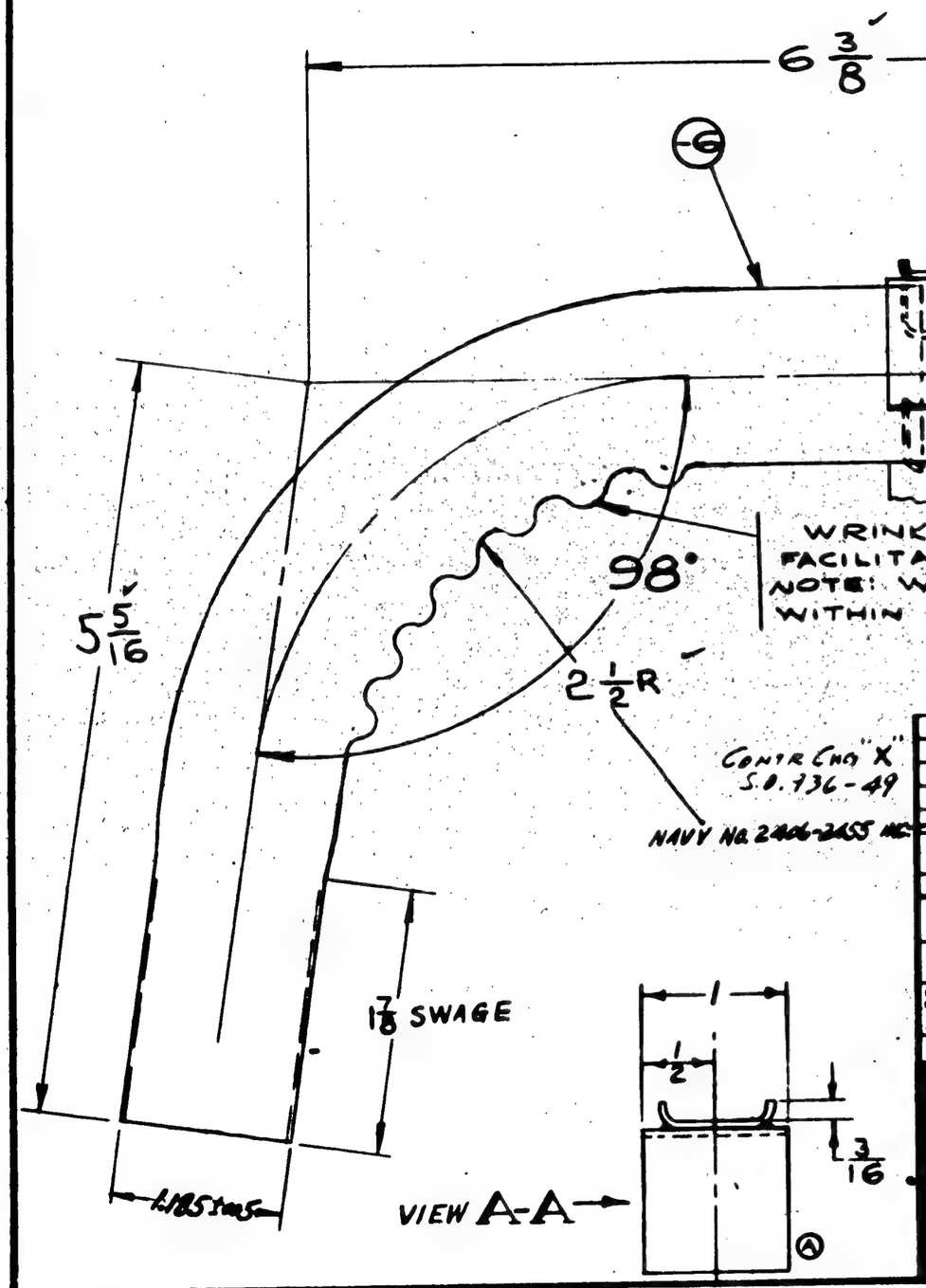
NAME SUPPORT-ELEC-WARNING HORN INBOARD

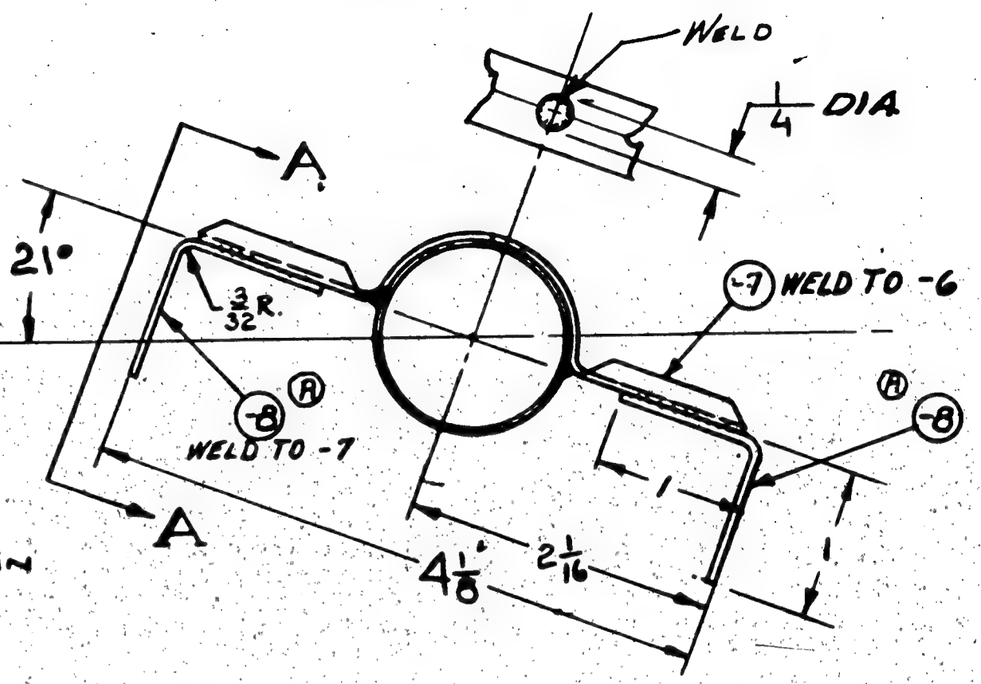
OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE — 28E5074

LET	ALTERATION	DATE	BY
A	REMOVED END FLANGES & ADDED -8	7-15-41	HILL





ASSY. SALES NO.	MODEL	NEXT ASSY.	REQ.
	PBY5	28E5084	1

REQUIREMENTS PER AIRPLANE

REPLACES — Engg. Wt.

REPLACED BY — Acft. Wt.

Limit on Engineering Drawings: Otherwise Dimensions ± 1/32, ± 1/2°

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
28E5100-8	.064 x 1 1/8 x 2 1/4	ST. STL. SH'T	4130										
28E5100-7	.064 x 1 1/8 x 6 1/2	ST. STL. SH'T	4130										
28E5100-6	1" O.D. x .065 W.T.	ST. STL. TUBE	4130										

AC		KAPEL					
NAVY NORMALIZE	SANDBLAST & PASSIVATE	3-7-41					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV.	ENG.

NAME TUBE ASS'Y-UPPER AUX. POWER PLANT-EXHAUST

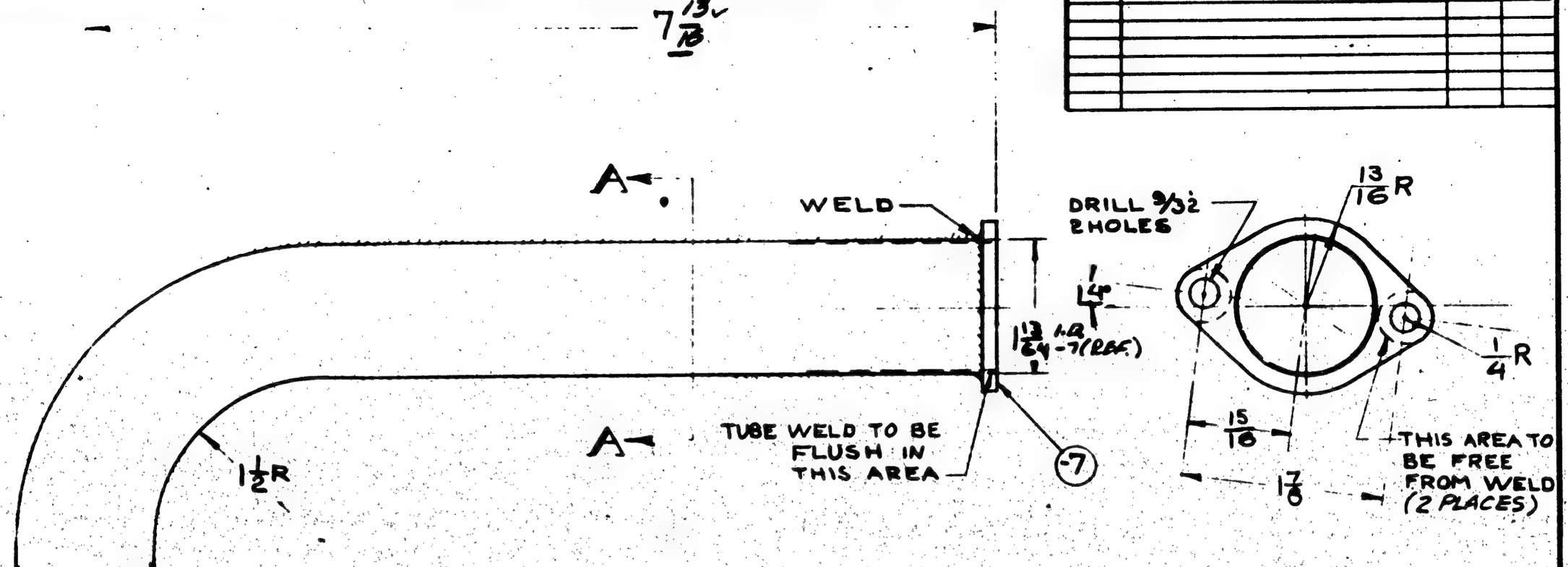
OPP. HAND —

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

DWG. B SIZE 28E5100

R

LET	ALTERATION	DATE	BY



1. SANDBLAST & PASSIVATE ACCORDING TO SPEC. S-R-39
2. H.T. SPEC. M-224
3. WELD ACCORDING TO SPEC. SR-43

	PBY-5	28E5064	1
ASSY. SERIAL NO.	MODEL	NEXT ASSY.	QUAN.

REQUIREMENTS PER AIRPLANE

REPLACES	WT.
REPLACED BY	ASY. WT.
UNLESS OTHERWISE SPECIFIED ± 1/32 ± 1/2°	SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	-7 .125 X 2 1/2 X 2 1/2	ST. ST'L SHT	4751-96R1-SS	1									
	-8 .031 X 6 X 9 1/2	ST. ST'L SHT	4751-96R1-SS	1									
28E5101	-9 .031 X 6 X 4 1/2	ST. ST'L SHT	4751-96R1-SS	1									
				-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC		KAREL					
NAVY NOTED	NOTED	2-27-41					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME TUBE ASSY-LOWER
AUX. POWER PLANT-EXHAUST

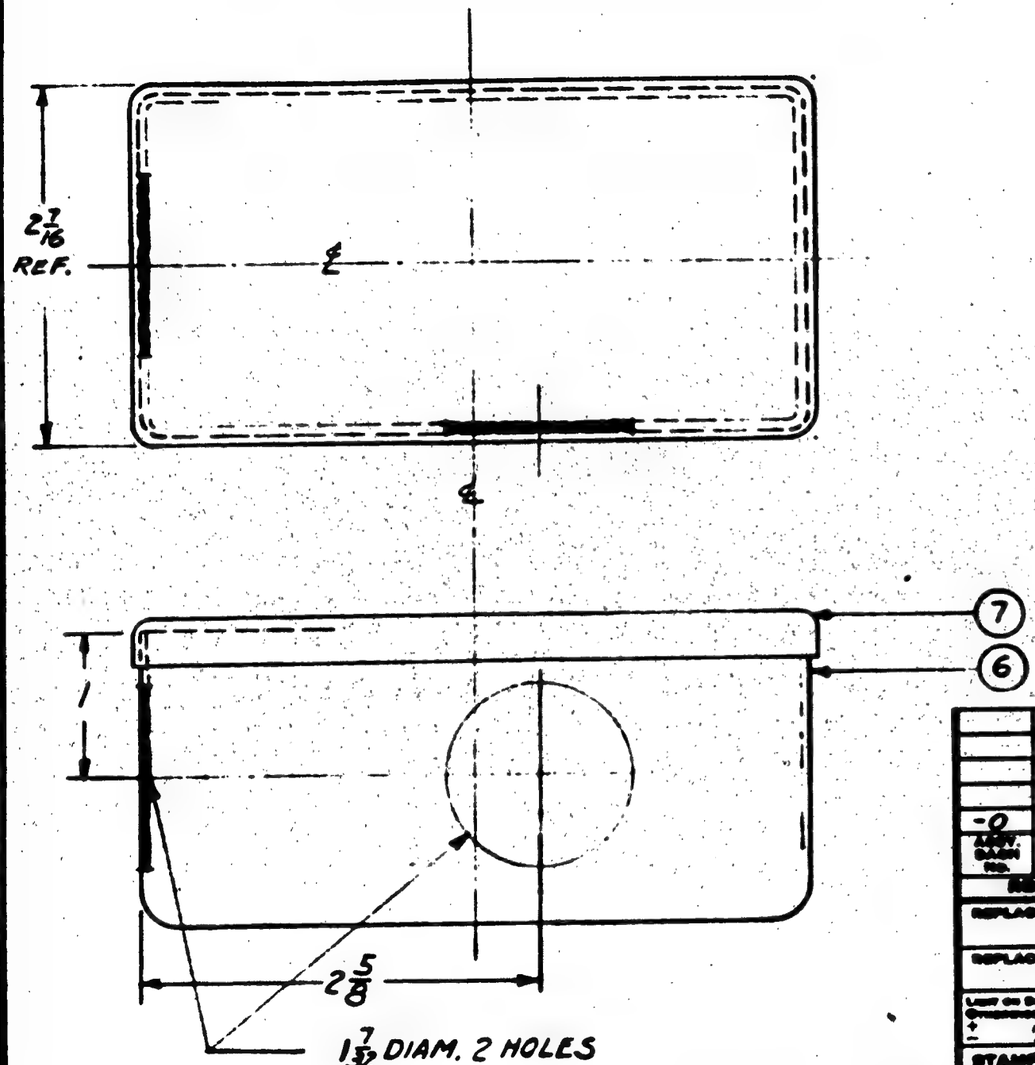
CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

OPP. HAND

ENG. B SIZE 28E5101

R

LET	ALTERATION	DATE	BY



Contr. Change X
Bu. # 2406-2455

NOTES:
1. POULSEN & NARDON BOX 1144-200 TO BE SUPPLIED WITH TIGHT FITTING COVER & NON-LOSABLE SCREWS
2. FINISH INSIDE : "P"
   FINISH OUTSIDE : "P-AP"
   REMOVE FINISH 3/32 RADIALLY AROUND HOLES

LEV. DASH NO.	MODEL	NEXT ASSY.	REQ.
-0	PBY-5	28E5102	1

REQUIREMENTS PER AIRPLANE

REPLACES ____ .19 GALS. WT.

REPLACED BY ____ ADV. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32"

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-7	PAN 1144-350	SEE NOTE		1									
-8	PAN 1144-200N			1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		HALLMAN	Booher		RMH		
NAVY NONE	NOTED	9-4-41	3-6-41				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME. BOX-ELEC.
VOLTAGE CONTROL UNITS-BLK'D #4

OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B

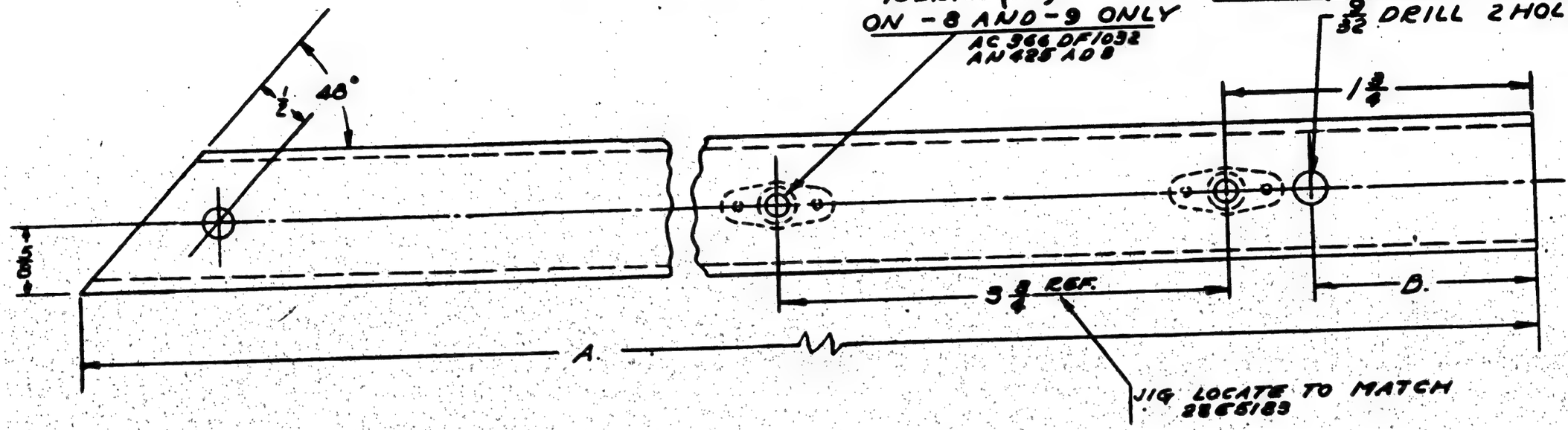
28E5103

R

LET	ALTERATION	DATE	BY
D	IN B/M, FOR -6, REPLACED "Y-10-A55T X 22 1/8", WITH "NOTED". FOR -7, REPLACED "Y-10-A55T X 24 3/16", WITH "NOTED". FOR -8, REPLACED "Y-10-A55T X 21 1/8", WITH "NOTED". FOR -9, REPLACED "Y-10-A55T X 23 3/16", WITH "NOTED". ADDED NOTES, SPEC. & MATL. ON FACE OF DWG. ADDED MATL: NOTES: #1, 2, 3, & 4 NO WT. CHG.	10-10-41	NIBBLE
C	IN B/M-6 WAS "K5037X22 1/8". 24 ST. SPEC. & GAGE NOT "; -7 WAS "K5037X24 3/16, 24 ST. SPEC. & GAGE NOT "; -8 WAS "K5037X21 1/8, 24 ST. SPEC. & GAGE NOT "; -9 WAS "K5037X23 3/16, 24 ST. SPEC. & GAGE NOT "; ADDED NOTE #4	9-11-41	[illegible]
B	ANGLES ADDED 1 INCH CUT OFF LENGTH	9-4-41	[illegible]
A	HEAT TREAT SPEC WAS 28E5104	4-21-41	[illegible]

#10 DRILL (.193) 2 HOLES ON -8 AND -9 ONLY

AC 966 OF 1032
AN 425 AD 8



JIG LOCATE TO MATCH 28E5103

DASH	A	B
-6	22	2
-7	24 3/16	2
-8	21	1
-9	23 3/16	1

NOTES: (D)

1-MATL. FOR -6 MAY BE:
(A) Y-10-A55T X 22 1/8, OR
(B) K5037 X 22 1/8, AL. AL. EXTR, SPEC. 00-A-356-T.

2-MATL. FOR -7 MAY BE:
(A) Y-10-A55T X 24 3/16, OR
(B) K5037 X 24 3/16, AL. AL. EXTR, SPEC. 00-A-356-T.

3-MATL. FOR -8 MAY BE:
(A) Y-10-A55T X 21 1/8, OR
(B) K5037 X 21 1/8, AL. AL. EXTR, SPEC. 00-A-356-T.

4-MATL. FOR -9 MAY BE:
(A) Y-10-A55T X 23 3/16, OR
(B) K5037 X 23 3/16, AL. AL. EXTR., SPEC. 00-A-356-T.

"1st" 90 # C91876

SHIPS: #118-167 INCL (BU. 2406-2435 INCL)

	DASH NO.	MODEL	PART NO.	REQ'D
(D)	-2	PBY-5	28E5103	1
(A)	-0	PBY-5	28E5103	1
	-7	PBY-5	28E5102	1
	-6	PBY-5	28E5102	1

REQUIREMENTS PER AIRPLANE

REPLACES — SHOP SALV. WT.

REPLACED BY — ASY. WT.

DIM. ON DRAWINGS UNLESS OTHERWISE SPECIFIED: +/- .01" — SCALE: 12" = 1:0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
										2	2		
AC 966 OF 1032 AN 425 AD 8													
											1		
-0	NOTED	NOTED	NOTED	1									
-2	NOTED	NOTED	NOTED		1								
-3	NOTED	NOTED	NOTED			1							
-4	NOTED	NOTED	NOTED				1						
				-0	-2	-3	-4	-5					

PARTS LIST PER ASSY.

AC		Holland	9-10-41	Novak	
NAVY NONE	Z-P-AP		9-9-41 Booher	Bilgher 2-24-42	-2A
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME: SUPPORTS-ELEC.-
VOLTAGE CONTROL UNITS-BLK'D #4

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND NONE

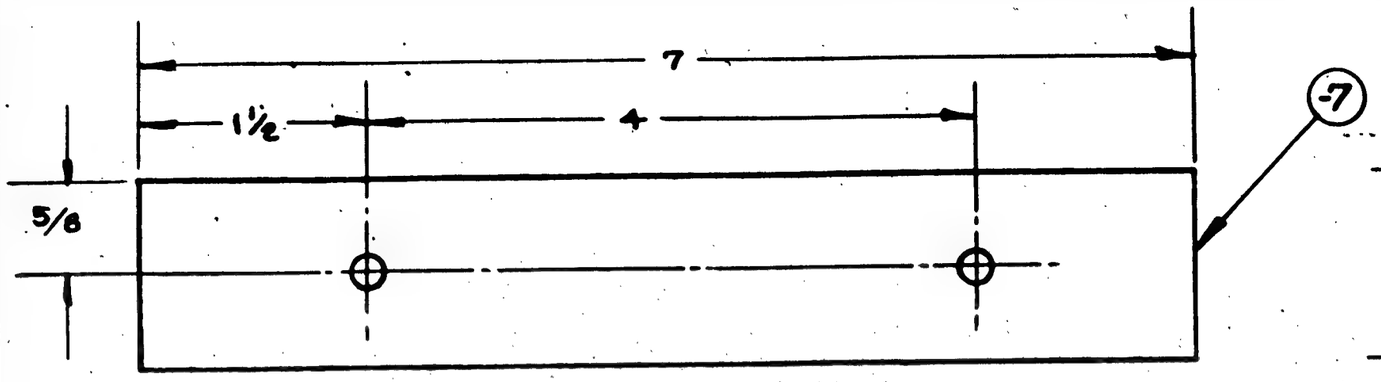
DWG. B SIZE 28E5105

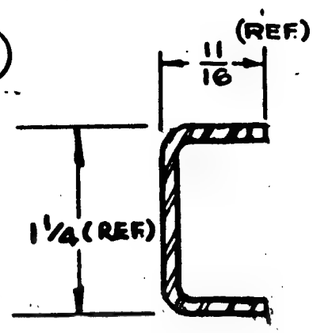
	WT.		
-0	.42	-6	.44
-2	.47	-7	.47

28E5105

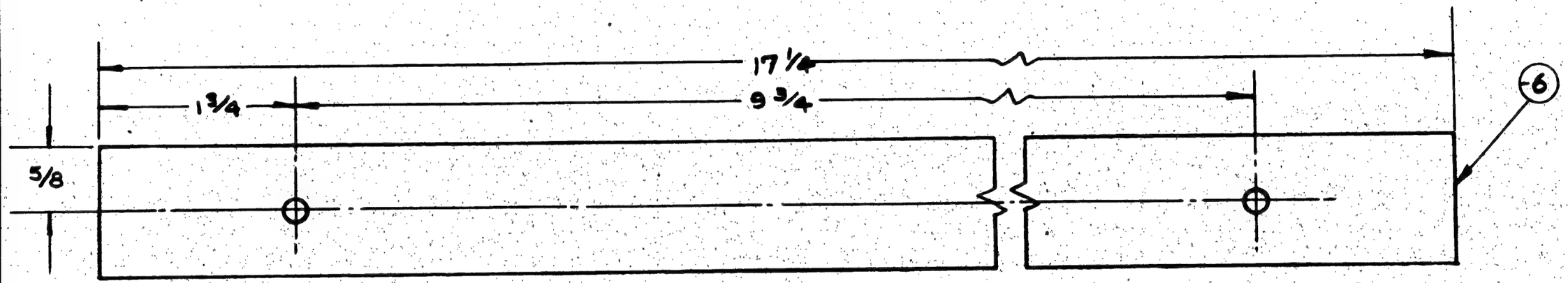
R

LET	ALTERATION	DATE	BY
A	IN B/M - 6 MKS "K5037X17⅜ AL. AL., SPEC. 46A9-T" & -7 MKS K5037 X 7⅛ AL. AL. SPEC. 46A9 -T. NTCHG MKS & M-B BRAKE		
B	IN B/M, FOR -6, REPLACED "Y-10-A55T X17⅜" WITH "NOTED" FOR -7 "Y-10-A55T X 7⅛" WITH "NOTED" & "NOTED" MAT'L & SPEC. ON FACE OF DWG., ADDED MAT'L. NOTES #4 & 5. NO WT. SPEC. 7-12-41 MDP&C		





TYPICAL SECTION



NOTES:
1. DRILL "F" (.275), 2 HOLES IN -7. C70496 #118 TO 167.
2. DRILL #9 (.196), 2 HOLES IN -6.
3. USE -6 & -7 ON SHIPS #2406 - 2455 INCL. CONTR. CHANGE X
(B) 4. MAT'L. FOR -6 MAY BE:
   (A) Y-10-A55T X17⅜, OR
   (B) K5037 X17⅜, AL. AL. EXTR, SPEC. 00-A-354-T.
5. MAT'L. FOR -7 MAY BE:
   (A) Y-10-A55T X 7⅛, OR
   (B) K5037 X 7⅛, AL. AL. EXTR., SPEC. 00-A-354-T.

DASH NO.	MODEL	NEXT ASSY.	REQ.
7	P&Y-5	28E5107	2
6	P&Y-5	28E5107	2

REQUIREMENTS PER AIRPLANE

REPLACES —
REPLACED BY —
NOTED CALC. WT.
ASY. WT.
LIGHT ON DRAWING UNLESS OTHERWISE SPECIFIED ± 1/32
SCALE 12" = 1'-0"
STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-7	NOTED	NOTED	NOTED										
-6	NOTED	NOTED	NOTED										

PARTS LIST PER ASSY. — -0 | -2 | -3 | -4 | -5

WT.	
-6	.34
-7	.14

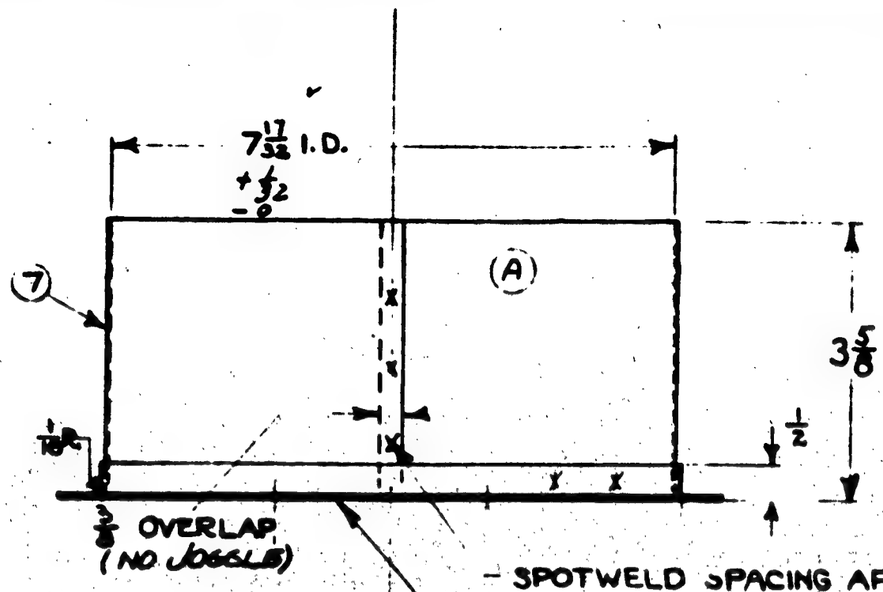
AC
NAVY 46A9 — HEAT TREAT
ZPAP — FINISH
FINAL INSPECTION 9-21-41 — DRAFT
CHECK Booher — STRUCT. — MAT. MEG — APPROV. — ENG.

NAME SUPPORT - ELEC. - DYNAMOTOR & REGULATOR
OPP. HAND NONE
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
DWG. B SIZE 28E5109

28E5109

EDA9027
PBY-5

LET	ALTERATION	DATE	BY
A	REMOVED HOLES ON-7	7-10-41	KERBAZ



NOTE
PART "6 & "7 ARE TO BE SPOT WELDED TOGETHER. SPACE 1.

DRILL #10(.193) 8-HOLES EQUAL SPACE TO SUIT 28E5085(REF).

NAVY NO. 2046-2053 INCLUSIVE (S.O. 9364) CONTR. CHG "X"

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ
	PBY-5	28E5084	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — 61 CALC. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 6" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
28E5112-7	.016 x 24 x 34	STNLESS STL.	AMS 5544	1									
28E5112-8	.020 x 18 x 10	STNLESS STL.	AMS 5544	1									

PARTS LIST PER ASSY.

AC		3-5-41			NO MFG				
NAVY NONE	NONE								
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT		APPROV.		ENG.

NAME COLLAR ASS'Y.-OUTLET DUCT AUX. POWER PLANT

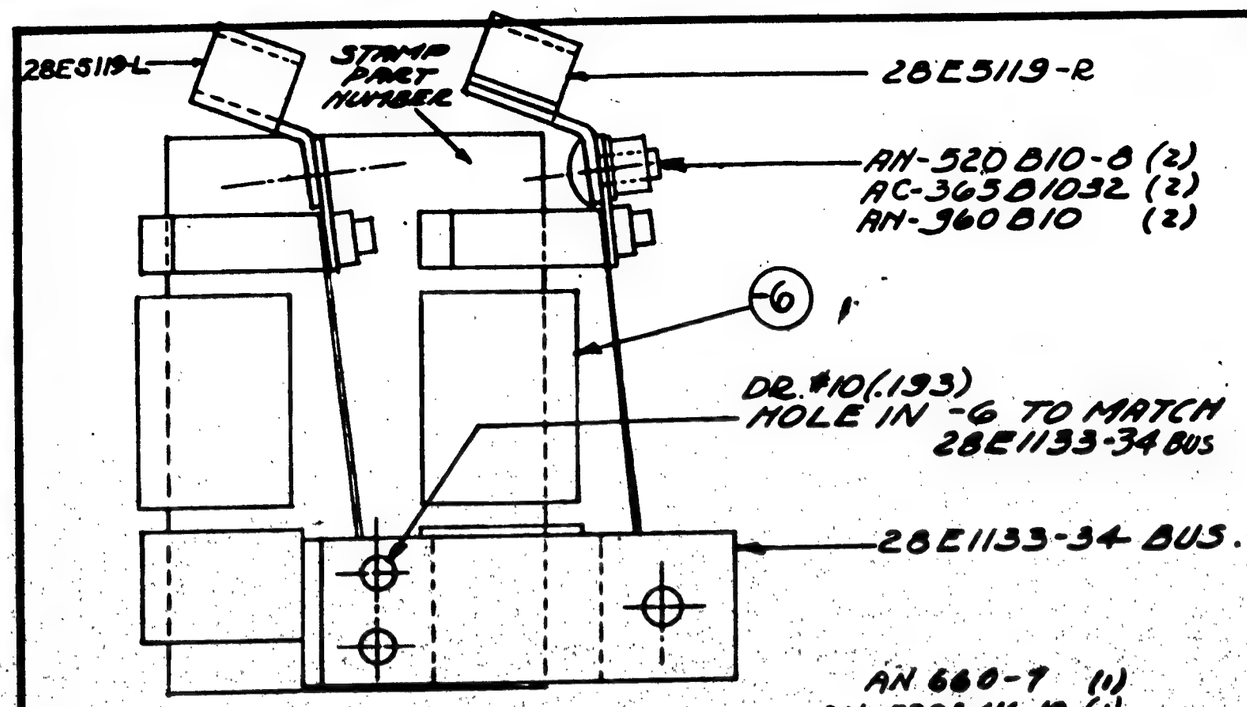
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B — 28E5112

PBY5

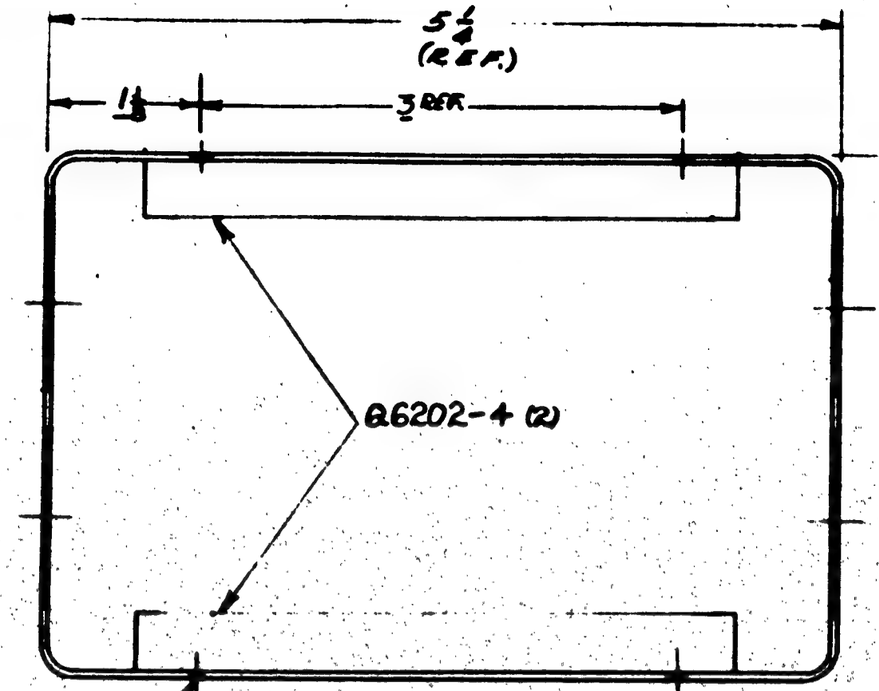
LET	ALTERATION	DATE	BY
A	AN365-B1032 (2) & AN960-B10 (2) WERE	7-14-41	Nelson
	A) EACH, REMOVED AN520-B10-12 (1) &		
	ADDED AN520-B10-8 & AN365-B1032 (2) EACH		
B	ADDED PBY-5 CONFIGURATION, ALSO		
	REL TO 28E5118	8-29-41	Nelson



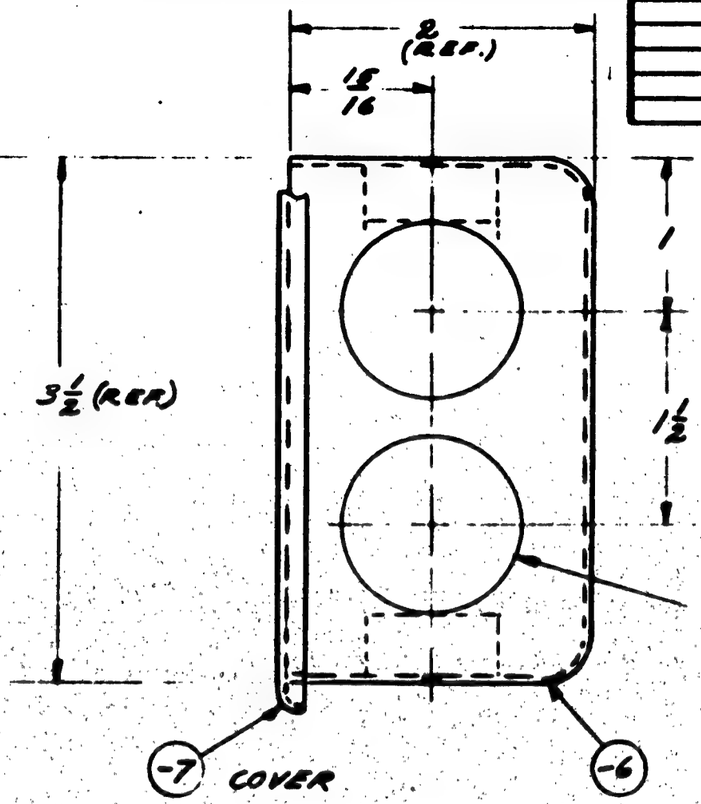
NOTE:
MAKE -6 ASS'Y FROM GEN'L. ELEC. #GTR70A2 RELAY AS SHOWN.

																					1
																					1/2
																					1
																					1/2
																					4
																					1/2
																					2
																					1
																					1/

LET	ALTERATION	DATE	BY



BOX SHOWN WITH COVER REMOVED



28 (.014) DIA. (4) HOLES
LOCATE TO MATCH Q 6202-4
AN515-440-7 (4)
AN365-440 (4)
AN960A4L (4)

BU 2347-2355 INCL. →
2422-2427 INCL.

NOTE—TO PLANNING:
HAS BEEN MADE FOR 1ST SHIP (BU 2347).

NOTES:-

FINISH INSIDE P
FINISH OUTSIDE P-AP
REMOVE FINISH 3/32 RADIALLY AROUND HOLES
BOX MAY BE PURCHASED FROM PAULSEN & NARDON. TO BE FURNISHED WITH P/N COVER. COMPLETE WITH WASHERS AND NON-LOSABLE SCREWS

Rush Released 4-14-41

-0	P&Y-3	[illegible]	2
ASSY. BASIC No.	MODEL	NEXT ASSY.	QTY.

REQUIREMENTS PER AIRPLANE

REPLACES	.99 GALS. WT.
REPLACED BY	ASSY. WT.
UNIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32	SCALE: 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
Q6202-4				2									
NAF213028-5				4									
NAF213019-5				4									
AN960A4L				4									
AN515-440-7				4									
AN365-440				4									
-7	P&N 1205-320			1									
-8	P&N 1205-320N			1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		4-8-41	[illegible]		[illegible]		[illegible]
NAVY NONE	NOTED		4-11-41				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BOX-ELEC-PROP. JUNCTION NACELLE

OPP. HAND

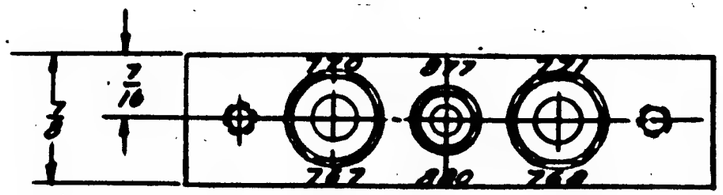
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

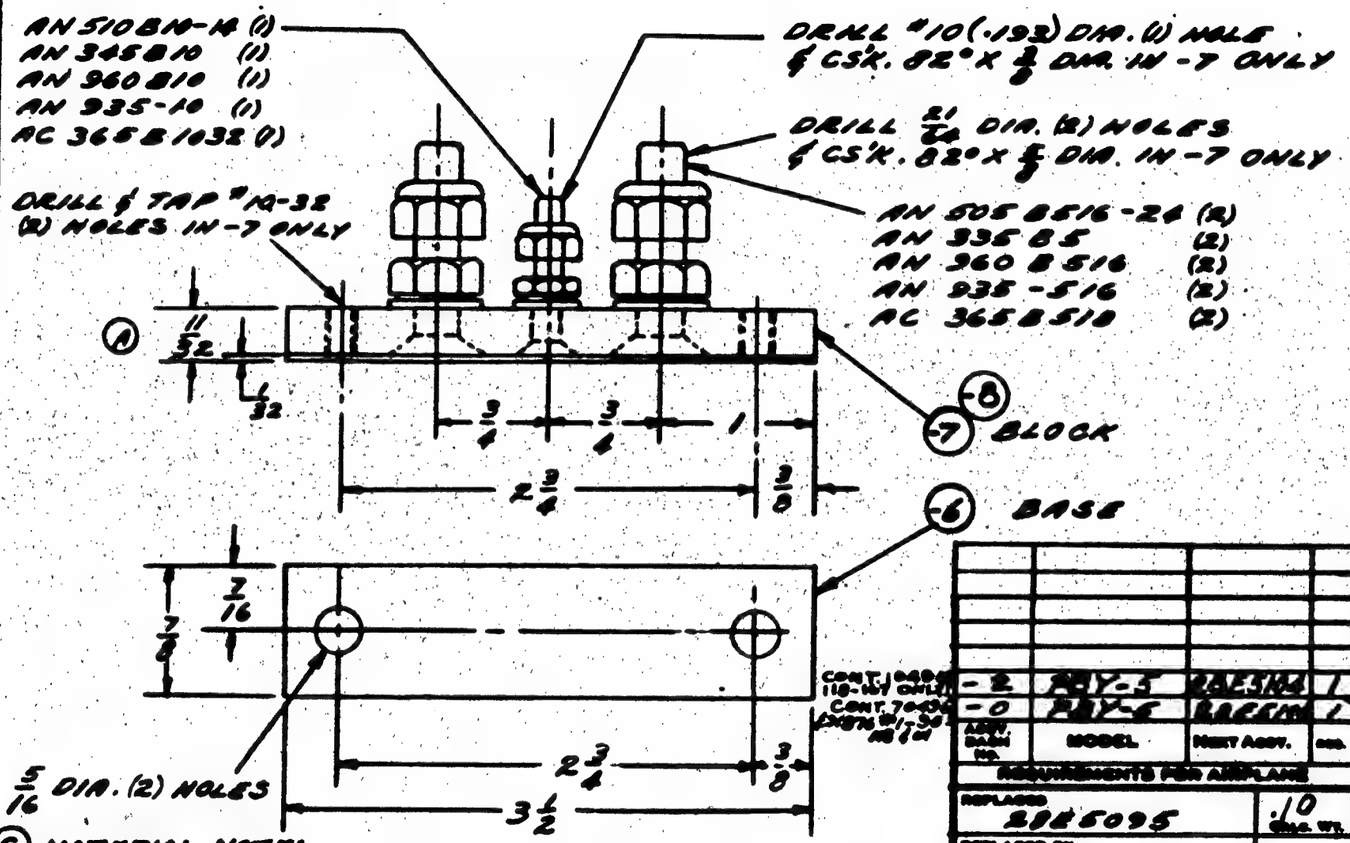
SIZE B

28E5124

LET	ALTERATION	DATE	BY
A	CHANGED THICKNESS OF BLOCK FROM 5/16 TO 3/8. CHANGED SPEC. FROM MIPDP&E TO 17PE-PBG.	6/15/41	[illegible]
B	ADDED -8 & CROSSED -2 ASS'Y. SAME AS -0 EXCEPT USE -8 BLOCK IN PLACE OF -7	7/16/41	[illegible]
C	ADD. ALT. MAT'L. NOTE "IT IS---" AN960-A5:16 ADDED AIR TO PATE.	12-10-41	[illegible]

P&Y-5





© MATERIAL NOTE:

IT IS PERMISSIBLE TO USE THE FOLLOWING PARTS AS ALTERNATES:

AC335-5.	TO REPLACE	AC335-B5.
AN345-10	TO REPLACE	AN345-B10.
AN960-10	TO REPLACE	AN960-B10.
AN505-516-24	TO REPLACE	AN505-B516-24.
AC365-518	TO REPLACE	AC365-B518.
AN510-10-14	TO REPLACE	AN510-B10-14.
AC365-1032	TO REPLACE	AC365-B1032.
AN960-516	TO REPLACE	AN960-B516.

NOTES

1- SAND OFF GLAZE & SHELLAC PART -6, -7
2- STAMP & NUMERALS AND FILL WITH WHITE PAINT
3- MATERIAL - PHENOLIC LAMINATED
4- FOR SHIPS #118 TO 167 ONLY (NAVY #2406 TO 2455 INCL.)

-8 SAME AS -7 EXCEPT WITHOUT NUMERALS.

				AC BASE BLK				1		1										
				AC BASE BLK				2		2										
				AN BASE BLK				2		2										
				AN BASE BLK				1		1										
				AN 935-516				2		2										
				AN 935-10				1		1										
				AN 960 B516				1		1										
				AN 960 B10				2		2										
				AN 345 B10				1		1										
				AN 345 B5				2		2										
-2	P&Y-5	BASE BLK	1	-8	4 1/2 X 1 X 3 1/2		NOTED	17PE-PBG			1									
-0	P&Y-6	BASE BLK	1	-7	4 1/2 X 1 X 3 1/2		NOTED	17PE-PBG	1											
ASSY. SHOWN ON	MODEL	PRINT ASSY.	QUAN.	BASE BLK	4 1/2 X 1 X 3 1/2		NOTED	17PE-PBG	1		1									
REQUIREMENTS PER AIRPLANE				PART No.	STOCK		MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REPLACES 2E5095			.10 GROSS WT.	PARTS LIST PER ASSY.					-0		-2		-3		-4		-5			
REPLACED BY			NET WT.	AC				GALIZIA	[illegible]				[illegible]				[illegible]			
				NAVY NONE			NOTED	6-6-41					SOURCE 6-8-41							
STAMP PART NUMBER WHERE SHOWN		SCALE 12" = 1'-0"		HEAT TREAT		FINISH		DRAFT	CHECK		STRUCT.		MAT. SEM		APPROV.		ENG.			

NAME BLOCK ASS'Y. - ELEC. D.C. JUNCTION

OPP. HAND

DWG. B TRD 28E5128

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

LET	ALTERATION	DATE	
A	[illegible]	[illegible]	
	[illegible]		
B	[illegible]		
C	[illegible]		
D	[illegible]		
E	REMOVED -8 & -10 FUSE STRIP		
	FOR PAY-L.C. [illegible]		

E.O. AA6765
EQ AG4181

20 AUTO PILOT	REMOTE COMPASS	5	AUX. FU. OIL HEATER	20	BOMB RELEASE	35	LW&B OUTLETS	10
FRNTL. GUN OUTLET	10	MECH. OUTLET	20	STBD. GEN.	125			

10 WINGTIP OUTLETS	10	B3 & P3 OUTLETS	10	NAV'S OUTLETS	5	PANEL LIGHT	5	PILOT'S WICKS INT. LTG. SIGNAL SYSTEM	10
BOMB RACK INSTLTS	5	WARN. HORN	10	MOTOR ALT.	75				

10 WINGTIP OUTLETS	10	B3 & P3 OUTLETS	20	NAV'S OUTLETS	5	PANEL LIGHT	5	PILOT'S WICKS INT. LTG. SIGNAL SYSTEM	10
BOMB RACK INSTLTS	5	WARN. HORN	10	MOTOR ALT.	75				

20 AUTO PILOT		AUX. FU. OIL HEATER	20	BOMB RELEASE	35	LW&B OUTLETS	10	FRNTL. GUN OUTLET	10
MECH. OUTLETS	20	STBD. GEN.	125						

NOTE:- MAKE PARTS SHOWN BY CLIPPING FROM BLUEPRINTS OF THIS DRAWING.

ASSY. DASH NO.	MODEL	NEXT ASSY.	QTY.
C-215	[illegible]	28E5020	1
C-20480	[illegible]	28E5020	1
	PBY-5	28E5020	1
	PBY-5	28E5020	1

REQUIREMENTS PER AIRPLANE

REPLACES — GALS. WT.

REPLACED BY — ASY. WT.

SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-10		NOTED	NONE										
-7		NOTED	NONE										
-6		NOTED	NONE										
				-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC		Kenne					
NAVY NONE	NONE	PEW					
HEAT TREAT	FINISH	DRAFT	DESIGN	STRUCT.	MAT.	APPROV.	ENG.

NAME STRIP - ELECTRIC FUSE IDENTIFICATION

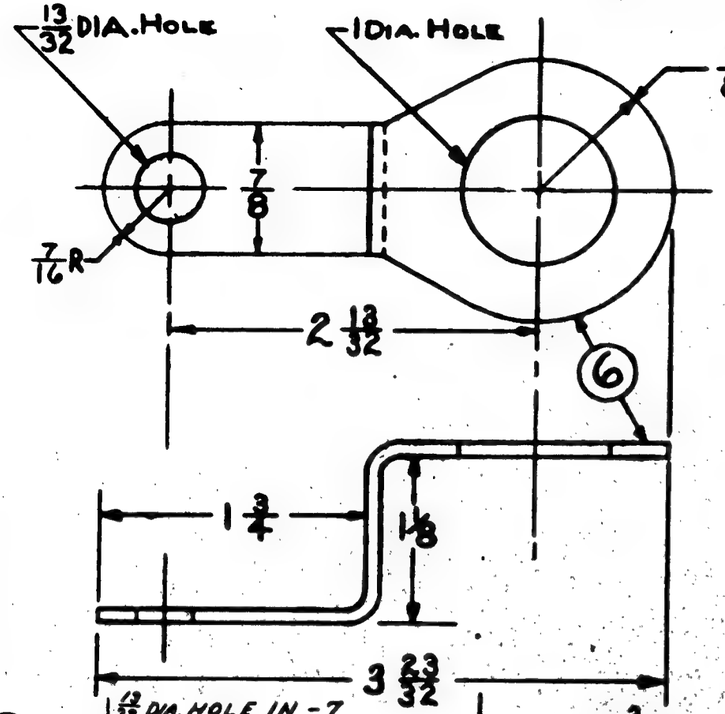
CONSOLIDATED AIRCRAFT CORP.

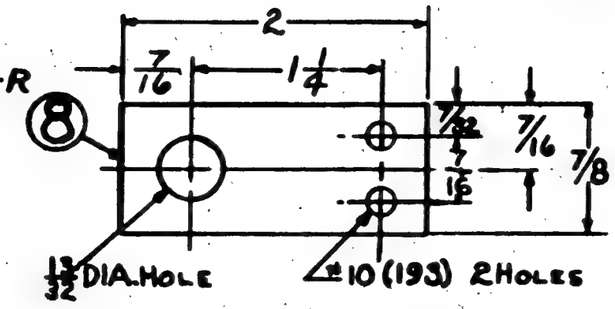
OPP. HAND NONE

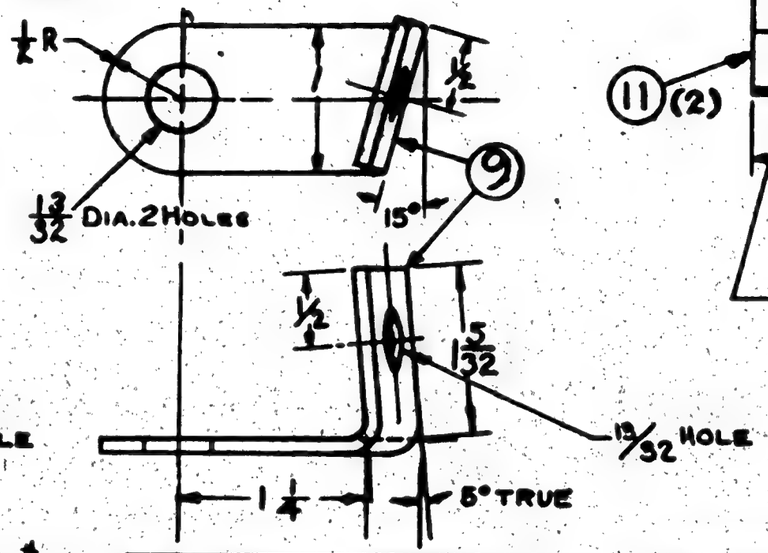
SIZE B

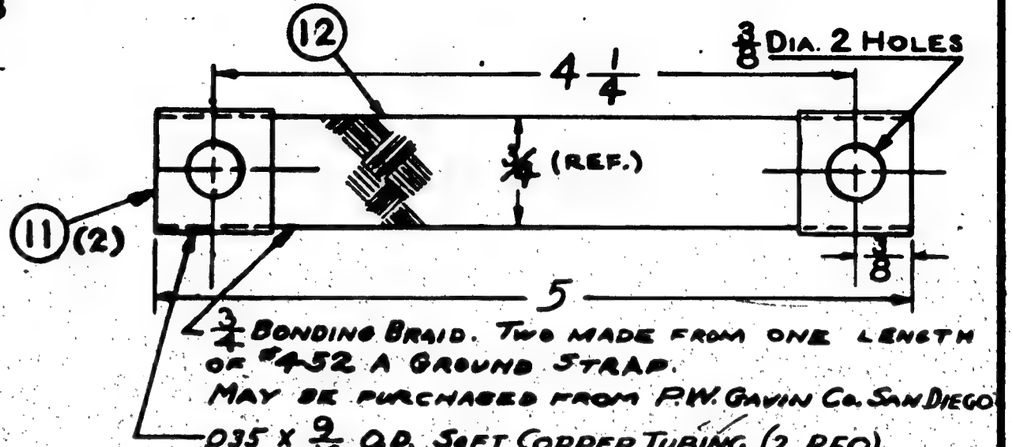
28E5135

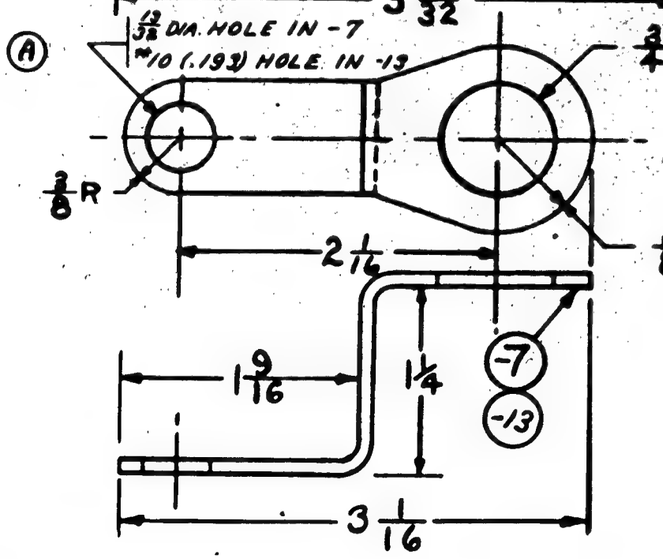
LET	ALTERATION	DATE	BY
A	ADDED -13 W.T. INCREASE + .110	10-9-42	[illegible]











CONTRACT #91876 #1-90

CONTRACT #91876 #1-90

ASSY DASH No.	MODEL	NEXT ASSY.	REQ.
-10	PBY-5	28E5140	1
-2	↕	↕	1
-6	↕	↕	1
-7	↕	↕	1
-6	PBY-5	28E5140	1

REQUIREMENTS PER AIRPLANE

REPLACES — Spec. Wt.

REPLACED BY — Adv. Wt.

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 12" = 1' 0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-12	NOTED			1									
-11	NOTED			2									
-10	SUB ASS'Y												
-13	.093 X 1 1/8 X 4 1/2	COPPER SHT.	47C2-CLA	1									
-10	SUB ASSY.			1									
-9	.093 X 1 1/2 X 3 1/8	COPPER SHT.	47C2-CLA	1									
-8	.093 X 1 X 2 1/8	↕	↕	1									
-7	.093 X 7/8 X 4 1/2	↕	↕	1									
28E5141-6	.093 X 1 1/8 X 5 1/8	COPPER SHT	47C2-CLA	1									

AC		1-1-43			LRP		
NAVY NONE	C.	E.J. Moore					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BUSSES-ELEC-CONTROL PANEL
LAWRANCE AUX. POWER UNIT

OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B — 28E5141

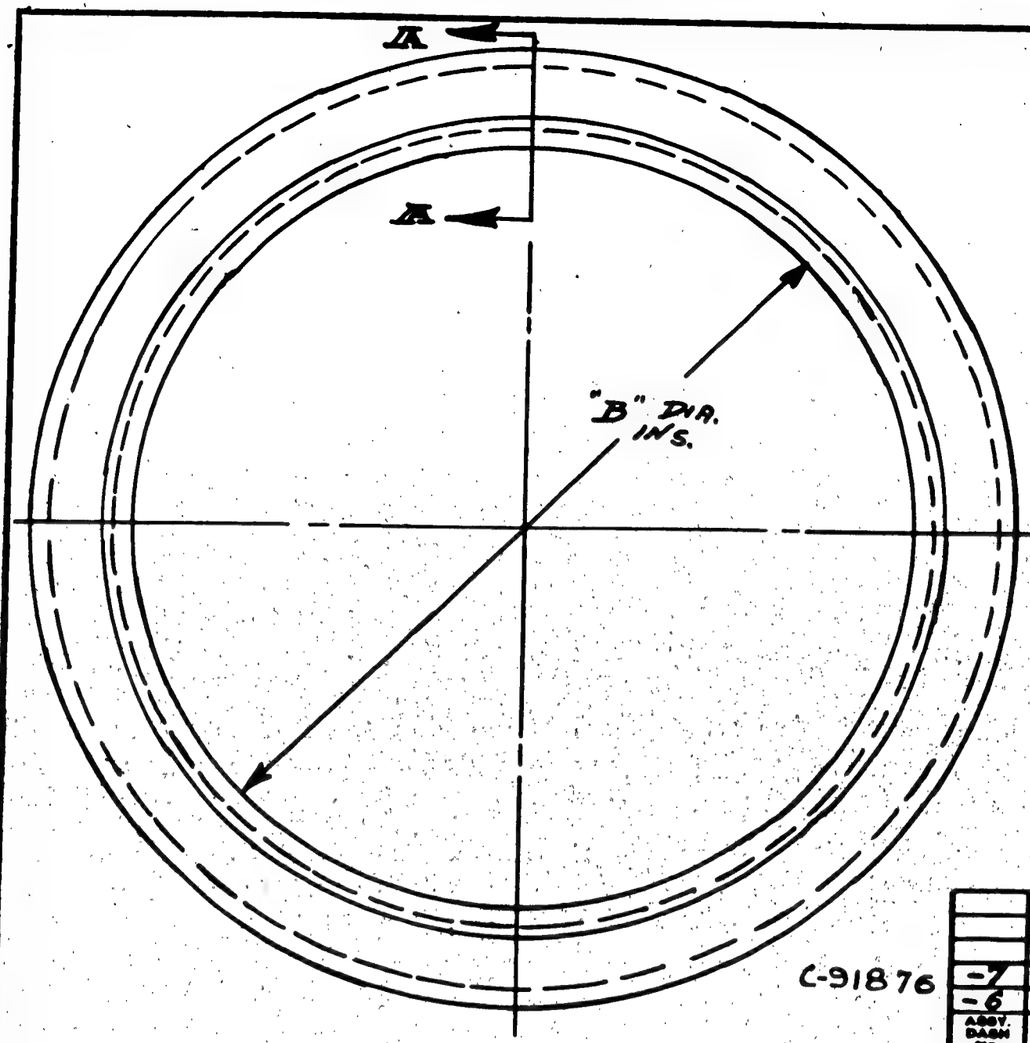
C. 91876	#91 & ON
C. 91876	#1-90

ASSY DASH No.	MODEL	NEXT ASSY	REQ
-13	PBY-5	28E5140	1
-8	PBY-5	28E5177	1

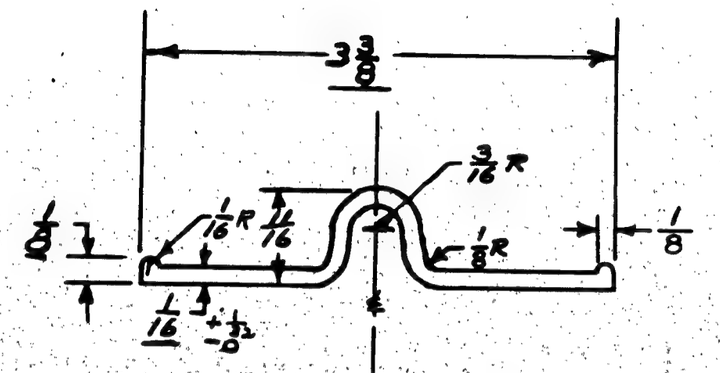
REQUIREMENTS PER AIRPLANE

LET	ALTERATION	DATE	BY
P- A	CHANGE SHORE HARDNESS TO 50-60 WAS 60-70, ADDED NOTE	2-7-42	VOYMAS

ASS'Y	DIA. "B"
-6	5 7/16
-7	5 15/16



C-91876



SECTION A-A

(A) THIS COUPLING MAY BE MADE FROM "HYCAR" PURCHASE TO DWG.

(A) SHORE HARDNESS 50-60

(A) NOTE ~

MAT: NEOPRENE; TO RESIST MAX. OF 175°F & MIN. OF -30°F IN AIR. ALSO ALCOHOL, OIL, GASOLINE & SALT WATER.

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ
-7	PBY-5	28E5144	1
-6	PBY-5	28E5144	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	1 RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5
-7	MOLDED	SEE NOTE	N-11									
-6	MOLDED	SEE NOTE	N-11									

AC		VOYMAS	KAREL	GERBER		PSCHL	WOLD
NAVY NONE	NONE	1-12-42	DUNLAP		C.R.Z.	2/18/42	2-17-42
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG

NAME COUPLING-LOWER-COOL AIR INLET DUCT-AUX. P.P.

OPP. HAND

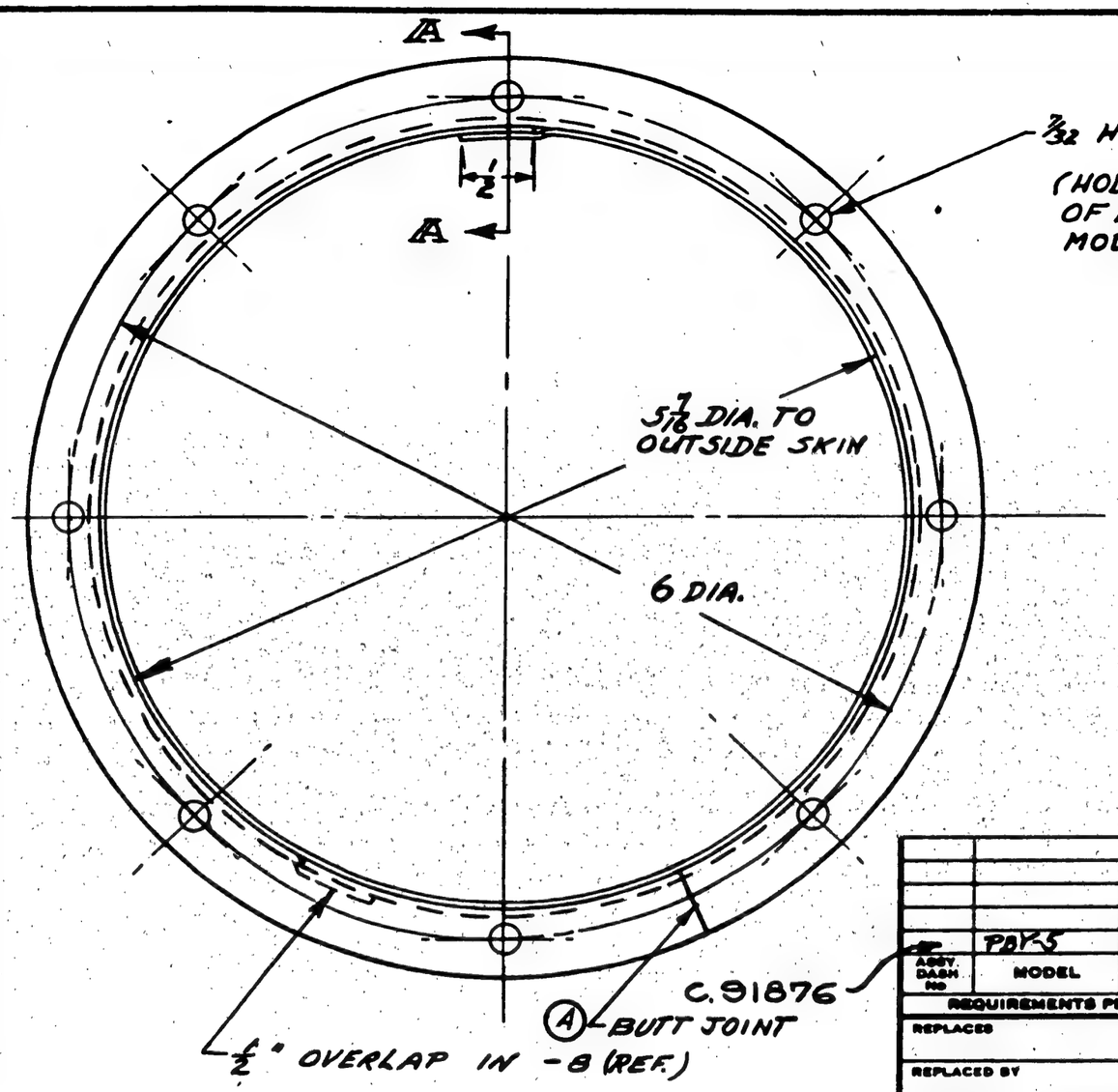
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

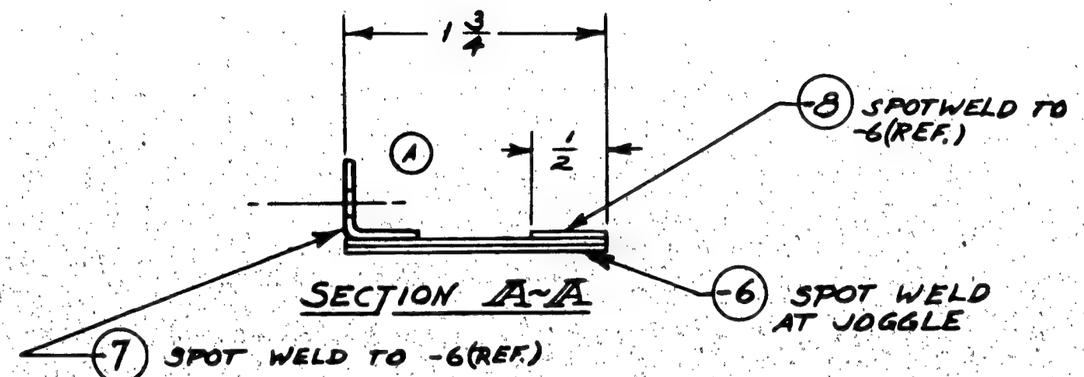
DWG. B SIZE 28E5142

R

LET	ALTERATION	DATE	BY
A	ADDED BUTT JOINT, REMOVED DIMS. FROM -7 SEC. A-A. -7(Y2AIIA x 19) WAS -7(040 x 6 5/8 x 6 5/8) (WT. CHG. NEG.)	6-3-42	BOWERS

EQ. #31241





NOTE—
SPOTWELD SPACING TO BE APPROX. 1/2".

ASSY. DASH NO.	PARTS MODEL	NEXT ASSY.	REQ
		28E5144	3

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32 — SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
-8	.040 x 1/2 x 18 1/2	ALC. 24ST	47A8-T	1					
-7	Y2AIIA x 19	ALC. 2430	47A8-A	1					
-6	.040 x 1 7/8 x 19 3/8	ALC. 24ST	47A8-T	1					

PARTS LIST PER ASSY.

AC		VEYMAS	KAREL	GERBER		PACHL	WOLD
NAVY SR-53	Z-P-AP	1-12-42	DUNCAN		W.B	2-17-42	2-17-42
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG

NAME FLANGE ASSEM.-COOLING AIR INLET-AUX. P.P. - LOWER

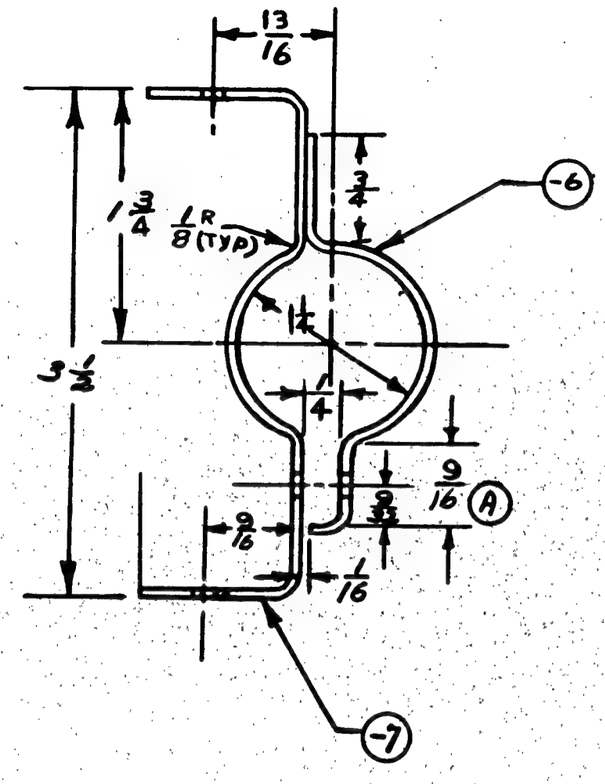
OPP HAND

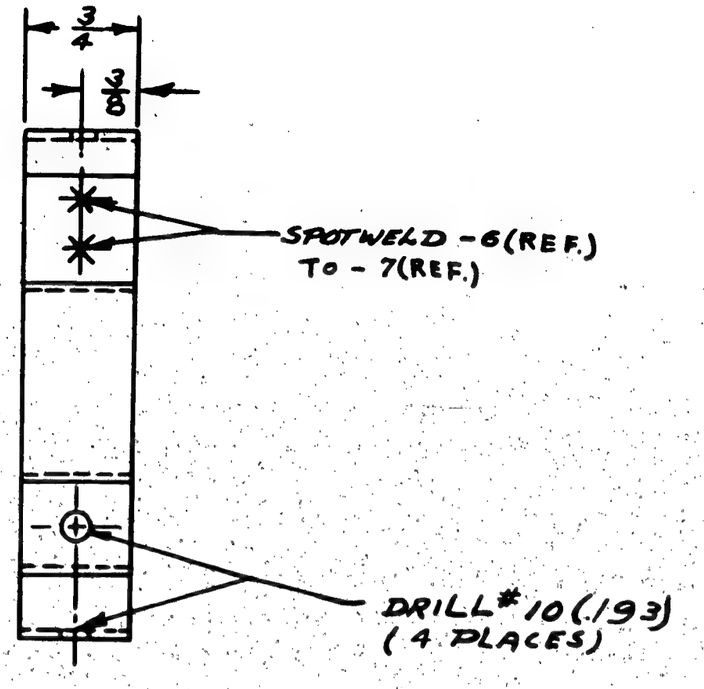
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF

DWG B 28E5145

SIZE R

LET	ALTERATION	DATE	BY
A	9/16 DIM. WAS 3/4 & 9/32 WAS 3/8.	3-4-42	BERGER
	NEG. WT. CHG.		-DORFF





C.91876

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.
→	PBY-5	28E5144	/

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

UNLESS OTHERWISE SPECIFIED OTHERWISE SPECIFIED ± 1/32. — SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-7	.031 X 3/4 X 5 1/4	C.M. SHT. STL	AN-QQ-S-685A	1									
-6	.031 X 3/4 X 4 1/2	C.M. SHT. STL	AN-QQ-S-685A	1									

AC		VOUGHT	KORRI GERBER		PACHL	WOLD
NAVY 90,000-125,000 #/□"	C-P	2-2-42	DUNCAN		WB	2-18 A2	2-18
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG

NAME CLAMP ASSEM.-EXHAUST OUTLET-LOWER-AUX. P.P.

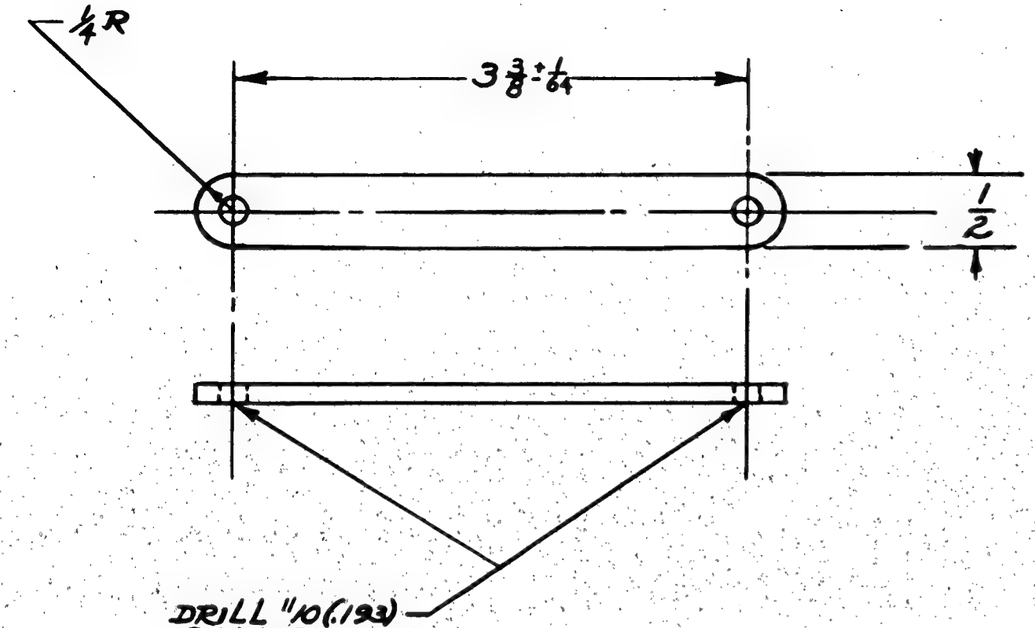
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B — 28E5148

R

LET	ALTERATION	DATE	BY



CONTRACT 91876

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ
	PBY-5	28E5150	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32 E NOTED

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC
	.123 X 5/8 X 3 3/8	ALCL 24ST	47AB "T"

PARTS LIST PER ASSY.

LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-0		-2		-3		-4		-5	

		VOUCHERS					
AC			KARGL	GERBER		PACIL	WOLD
NAVY NONE	Z-P-AP	1-20-42	DUNCAN		W.B	2-14-42	2-17
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.

OPP. HAND

NAME LINK

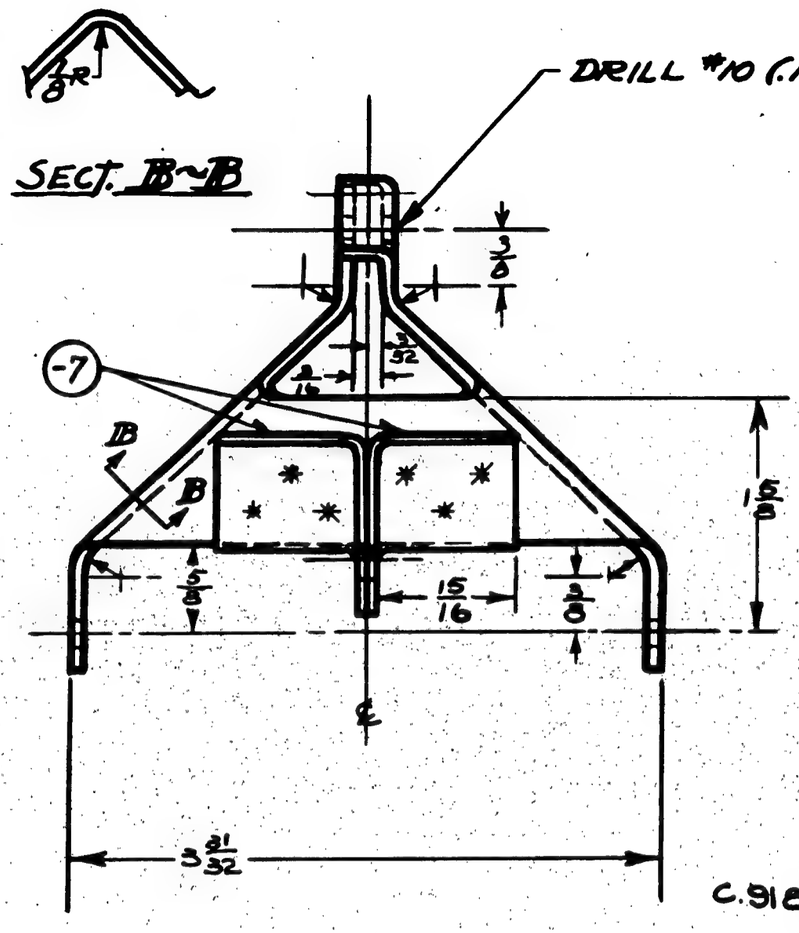
AUX. P.P. - AIR INLET DUCT DOOR

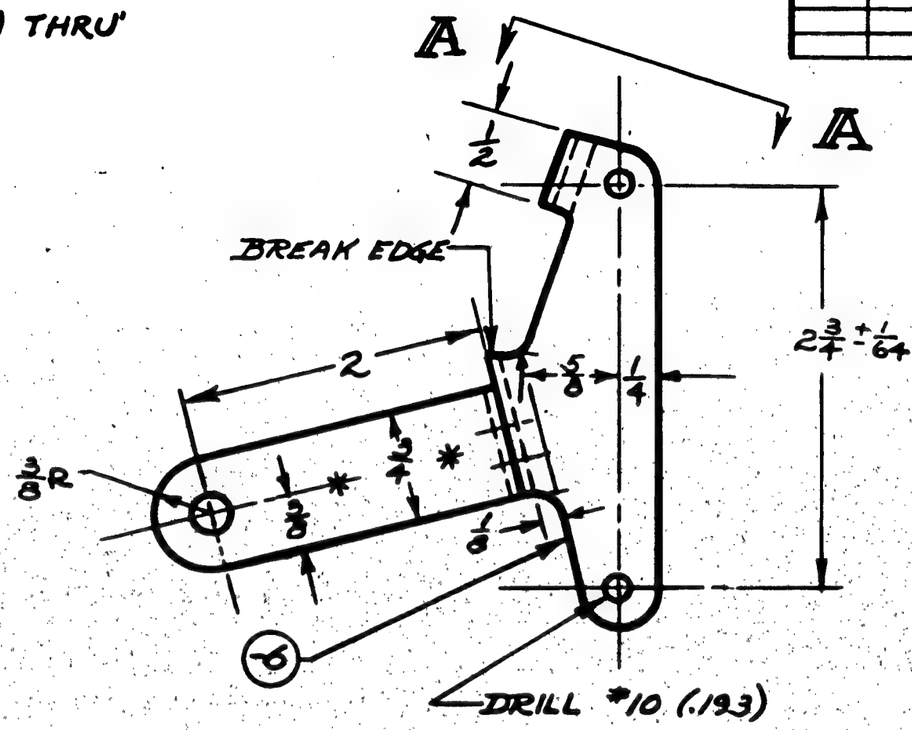
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

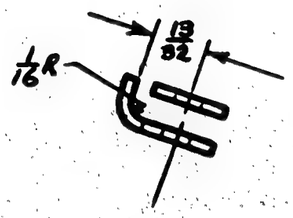
DWG. SIZE B — 28E5153

R

LET	ALTERATION	DATE	BY







C.91876

NOTE ~
1. ALL RADII, UNLESS OTHERWISE SPECIFIED, ARE 1/4.
2. SPOTWELD AS SHOWN.

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5	28E6160	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 & MITED — SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-7	.064 x 7/8 x 3 5/8	ALC. 24ST	47A8-T	2									
-6	.064 x 8 1/2 x 6	ALC. 24S0	47A8-A		1								

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC		Haynes	Karel	Gibbs		Richf	Wold	
NAVY SR-53(-6)	Z-P-2AP	1-21-42	Duncan		W.B.	2-17-42		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME HANDLE ASS'Y - UPPER INLET DUCT - AUX. P.P.

OPP. HAND

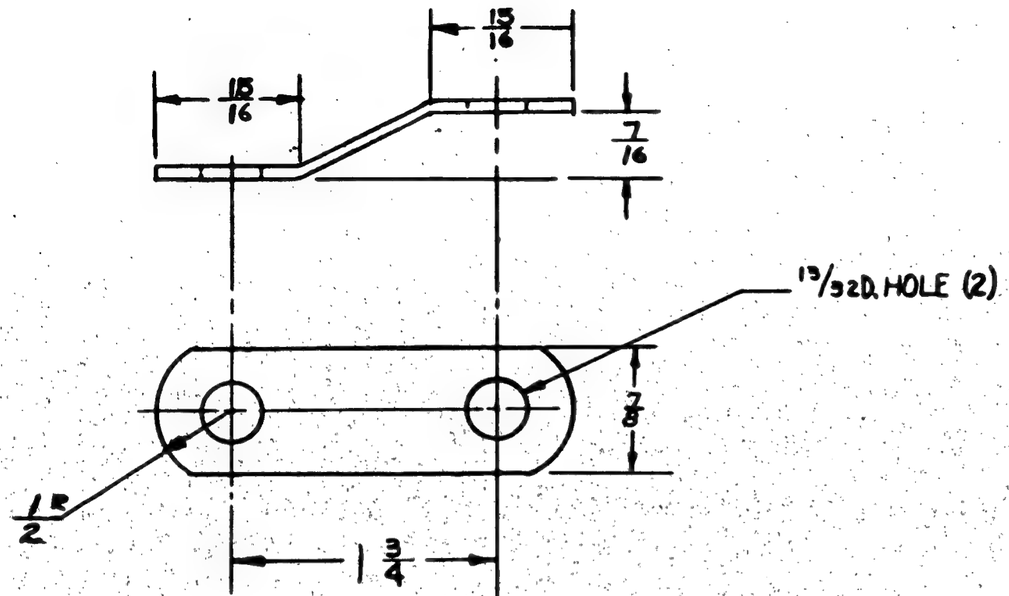
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — DWG. 28E5154

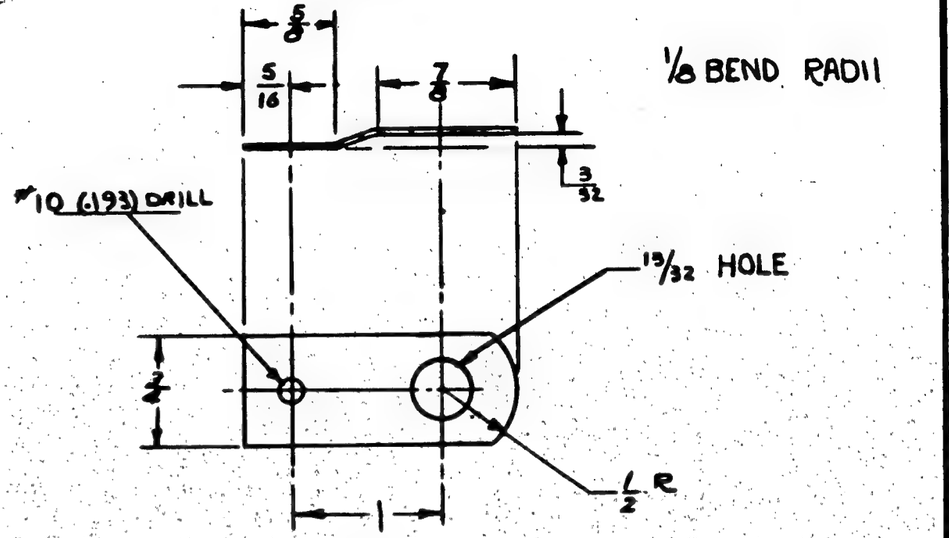
R

LET	ALTERATION	DATE	BY
A	ON -6 $\frac{15}{16}$ WAS $\frac{7}{8}$; ON -7 $\frac{7}{8}$ WAS $\frac{3}{4}$	3-19-42	[illegible]

1/8 BEND RADII



DETAIL - 6



1/8 BEND RADII

DETAIL - 7

CONTRACT #91876

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
-7	PBY-5	28E5177	1
-6	PBY-5	28E5177	1

REQUIREMENTS PER AIRPLANE

REPLACES

REPLACED BY

-6: .087 lbs. Calc. Wt.
-7: .091 lbs. Calc. Wt.
Act. Wt.

UNLESS OTHERWISE SPECIFIED: ± 1/32

SCALE 12" - 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-7	.040 x 7/8 x 2	COPPER SHT.	47C2-CLA										
-6	.093 x 1 x 2 1/2	COPPER SHT.	47C2-CLA										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		2-11-42	STAVER CLARSON	GERBER	HILLIKER	PEARL	McCABE	
NAVY NONE	C	ADAMS-TIB	2-21-42		2-26-42	2-26-42	WOLD	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG.	

NAME BUS - ELEC. - LAWRANCE POWER UNIT - JUNCT. BOX.

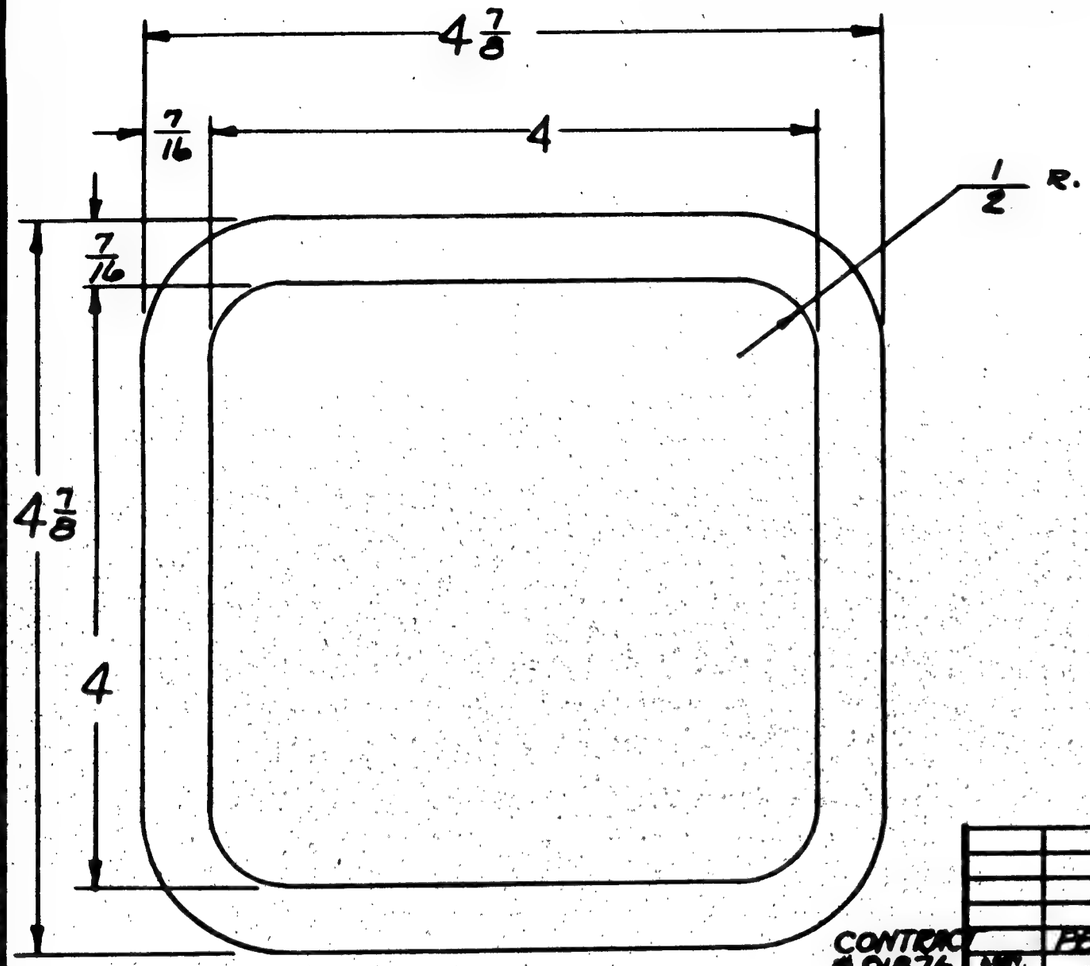
OPP. HAND NONE

DWG. B SIZE 28E5180

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

R 2-25-42

LET	ALTERATION	DATE	BY



CONTRACT # 21676

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	P2Y-S	28E5181	1

REQUIREMENTS PER AIRPLANE

REPLACES	.0216# CALC. WT.
REPLACED BY	ASY. WT.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ± 1/32	SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	#10-32 x 5 1/2 x 5 1/2												
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		2-19-42				
NAVY NONE	NONE	ARMY	2-21-42		3-24-42	3-24-42
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME FRAME-ELEC.-APU. JUNCT. BOX-VENT. SCREEN

OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B

28E5181

R

MCR260

A	28E5187 CHANGED TO -6. CREATED -7 SAME AS -6 EXCEPT FOR RELOCATION OF LETTERING & ADDITION OF #18 (.169) (1) HOLE FOR -7. -7 REPLACES -6	WE CHG. NEG. 6-7-43 NLAWW
E	REMOVED DIM 3/16	NOW CHG. 9-2-43 [illegible]

#18 (.169) (1) HOLE (-7 ONLY)

LETTERING FOR -7

LETTERING FOR -6

#18 (.169) 1 HOLE ON EACH END

1/2 DIA. 8 HOLES

-7

-6

#52 (.062) 4 HOLES

3/8 DIA. HOLE

#18 (.169) 7 HOLES

FLAPS UP DOWN

LEFT ENGINE START UP OFF

RIGHT ENGINE START MESH OFF

OIL LEFT TANK MESH OFF

GAGE ON RIGHT TANK OFF

OIL LEFT ENGINE OFF

DILUTE RIGHT ENGINE OFF

COMPT LIGHT ON OFF

PROJ. LIGHT OFF BRIGHT

1/4 5/16 2 1/4 1 1/8 29/32 1 13/16 1/8 19/32 1/2 9/16 1 7/16 29/32 25/32 25/32 25/32 25/32 25/32 25/32 25/32 1 1/2 11/32 9 3/8

PURCHASE TO DWG

PURCHASE TO DWG

MCR260

CONTRACT 08476 SHIPS #53 TO MCR260
CONTRACT 91076 SHIPS #91 TO MCR260

-7	PBY-5A	28E6052	1
-7	PBY-5	28E6052	1
-6	PBY 5A	28E6052	1
-6	PBY 5	28E6052	1

ASSY DASH NO | MODEL | NEXT ASSY | REQ

REQUIREMENTS PER AIRPLANE

REPLACED

REPLACED BY

SCALE 12"=1'-0"

NOTED

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	SPEC	LH REQ -0	RH REQ -2	LH REQ -3	RH REQ -4	LH REQ -5	RH REQ
-7	.030 X 2 1/2 X 9 3/8	AL. SHEET	47A2 1/2 H					
-6	.030 X 2 1/2 X 9 3/8	AL. SHEET	47A2 1/2 H					

PARTS LIST FOR ASSY.

NOTES:

ALL LETTERING 3/32 HIGH & 1/16 BETWEEN LINES BLOCK LETTERING RAISED & POLISHED ABOVE ETCHED DULL BACKGROUND

ALL DIMENSIONS MUST BE HELD TO MATCH 28E6053 (REF.)

AC		2-19-42	Price Cartson	Tedwell	Bodine	Park	McCabe
NAVY NONE	NOTED	2-21-42 Tewksbury			3-6-42	3-6-42	Wold
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG

NAME NAMEPLATE-ELECT-MECHS SWITCH PANEL

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF

DWG B 28E5187

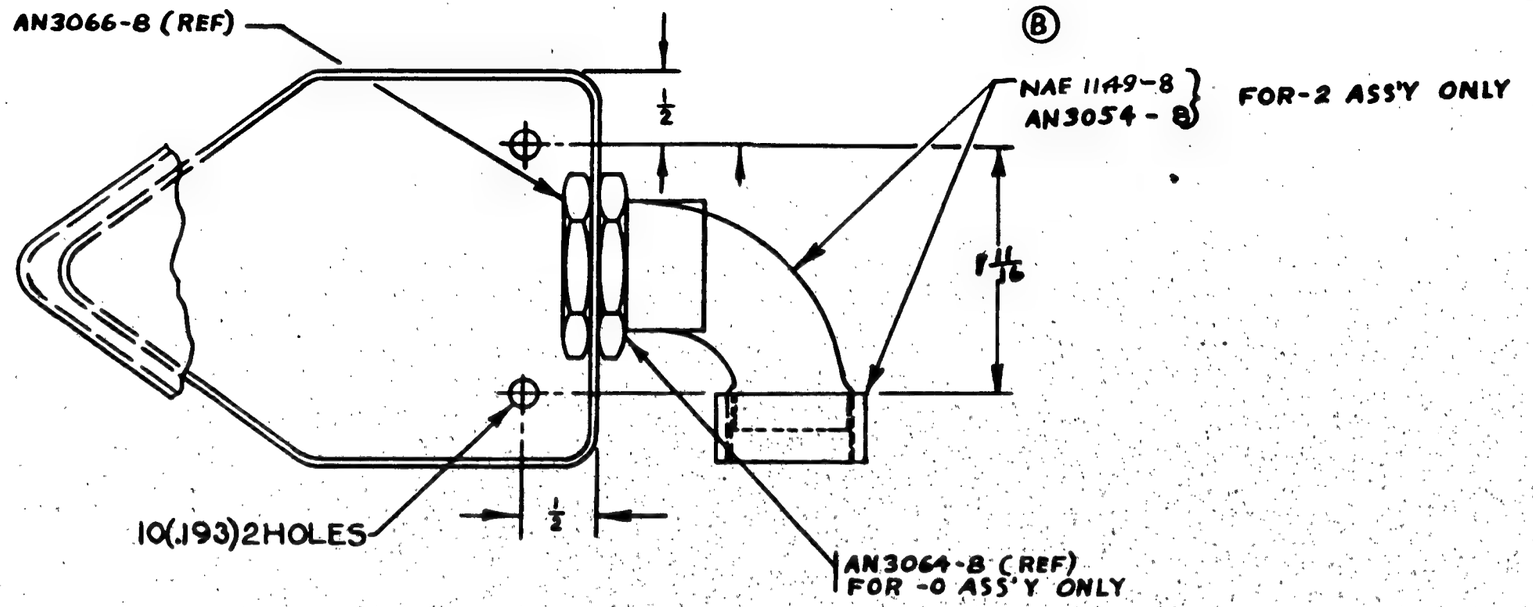
SIZE

R

CAC# 138-B)
E.O. A59785A

E.O. B3642

LET	ALTERATION	DATE	BY
A	ADDED-2 ASS'Y & REVISED R.H.& BLOCK.		
	WT CHG NEG	1-19-43	
B	NAF 1149-8 WAS AN 3062-8(1EA)	3-26-43	CLARK
	WT. CHG. NEG.		



CONTRACT #91876. 90 & ON — NO WAG
CONTRACT #70496
" 77713
" 88476
" 91876
#1 TO 89

* GOV'T FURNISHED WITH ALL FITTINGS.

NOTE:
1. CONTRACTOR INSTALLED ON ALL AIRPLANES OF CONTRACT #88476 & 91876
2. ON CONTRACT 70496 (33 AIRPLANES) & 77713 PARTS ARE TO BE FURNISHED TO NAVY FOR SERVICE INST.

ASST. DASH NO.	MODEL	NEXT ASSY.	REQ.
-0	PBY5A	28E7511	1
-0	PBY-5	28E6976	1
-2	PBY-5A	28E5196	1
-0	PBY-5	28E4018	1

REQUIREMENTS PER AIRPLANE

REPLACES — Calc. Wt.

REPLACED BY — Act. Wt.

Light on Dimensions Unless Otherwise Specified: ± 1/32

SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART No	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN3054-8	KNURL NUT				1								
NAF 1149-8	ELBO				1								
* -0	NAF 68969 JUNCTION BOX			1		1							
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

A.C.		Without Groups	Final Drawings	Blalock	Tate	P	McCabe
NAVY —	—	3-1-42	3-3-43 Revisions				Weld
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BOX - ELEC. - R3003 POWER JUNCTION

OPP. HAND NONE

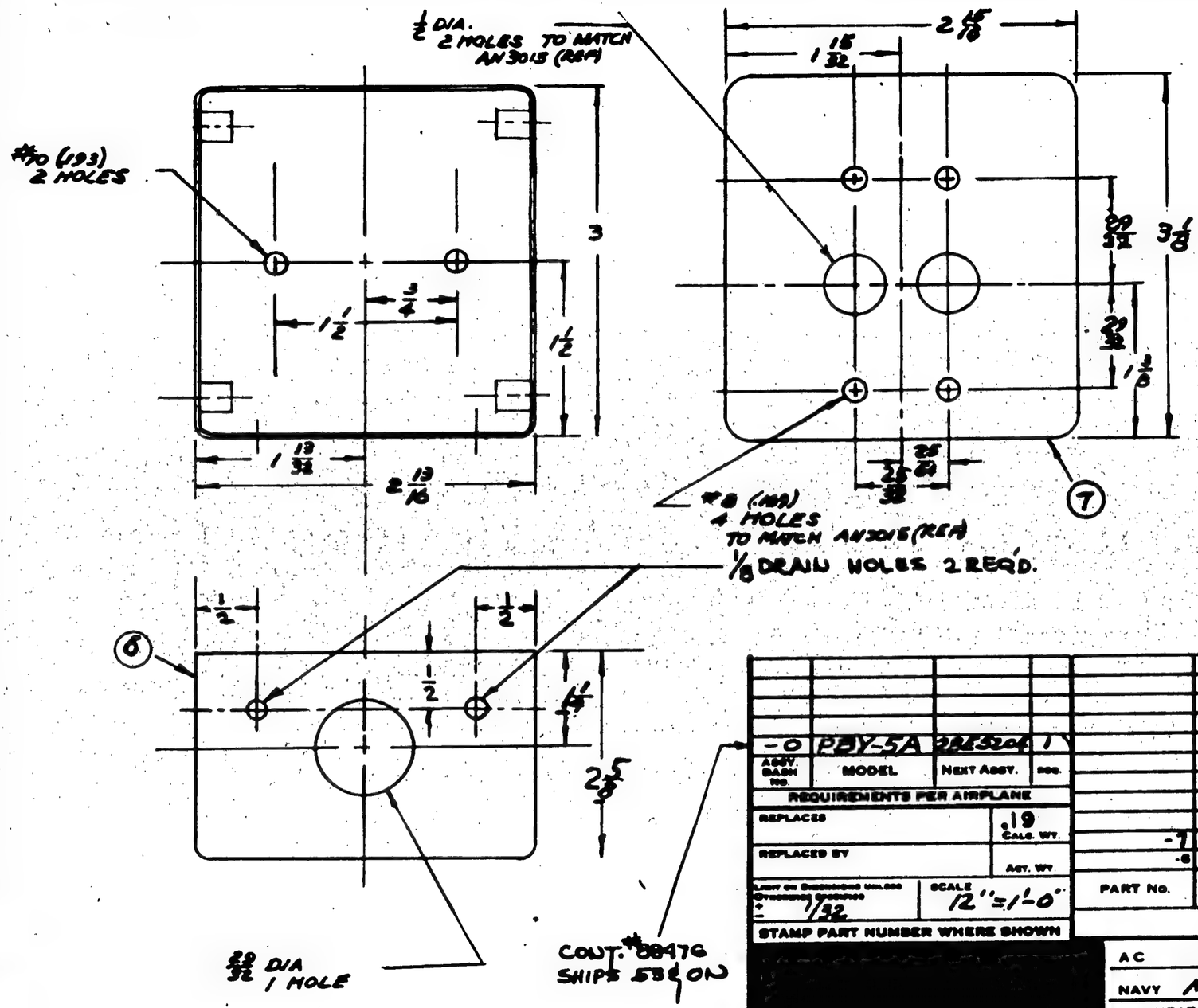
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE

28E5197

R

LET	ALTERATION	DATE	BY



NOTE:

1. COVER & BOX MAY BE PURCHASED FROM POULSEN & NARDON CO. SPECIFYING
   1055-220N BOX
   1055-350 COVER OR FROM MONARCH TOOL & INSTR. CO SPECIFYING
   1027R-220 BOX
   CSD 1027 COVER
2. BOX TO BE FURNISHED WITH TIGHT FITTING COVER, NON-LOSEABLE SCREWS & DURAL WASHERS.
3. REMOVE FINISH 3/32 RADIALLY AROUND CONDUIT HOLES.
4. FINISH P INSIDE P-AP OUTSIDE

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
-0	PBY-5A	28E5206	1

REQUIREMENTS PER AIRPLANE

REPLACES	.19 CALC. WT.
REPLACED BY	ACT. WT.
ALLOW ON MACHINING WELDING: +1/32 -1/32	SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PARTS LIST PER ASSY.			-0		-2		-3		-4		-5	
-1	Cover	CAT. #1055-220N		1									
-0	Box			1									

AC —	—	3-25-42	EL. MOORE	GERBER	CUSTER	FACHL	ZUCK
NAVY NONE	NOTED	O. WES	DRAFTSMAN	3-27-42	E.J.M.		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BOX - ELEC. - NAVIGATOR'S & RADIO OPERATOR'S HEATER

OPP. HAND NONE

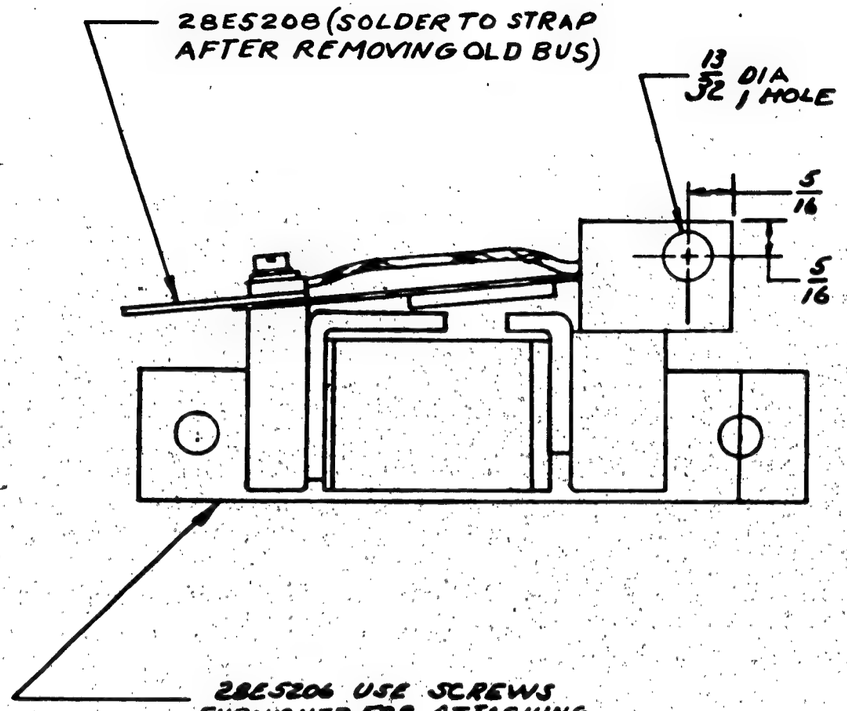
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

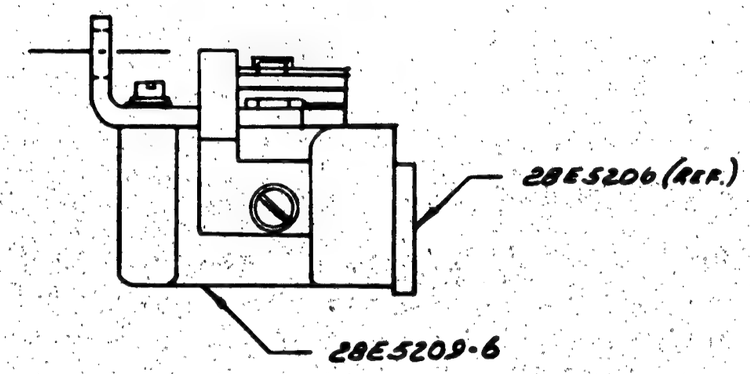
DWG. B SIZE

28E5203

R 6 22 42

LET	ALTERATION	DATE	BY





NOTE

1. THIS ASSEMBLY EQUIVELENT TO GTR-7081 (CAC REL-7). THIS DRAWING ISSUED TO REWORK EXCESS STOCK OF GTR-70A2 INTO GTR-7081.
2. MAKE 400 ASSEMBLYS FOR USE ON 28E5140.

FOR SHOP REF. ONLY TO USE UP EXCESS STOCK OF GTR70A2 RELAY

10 PIECES MADE

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.
REQUIREMENTS PER AIRPLANE			
REPLACES		CALC. WT.	
REPLACED BY		ACT. WT.	
UNIT ON DRAWING UNLESS OTHERWISE SPECIFIED ±		SCALE 12" = 1'-0"	
STAMP PART NUMBER WHERE SHOWN			

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	28E5209-6			1									
	28E5208			1									
	28E5206			1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC —	—	4-1-42					
NAVY —	—	D. JAMES	4/1/42		T.G.		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME RELAY ASSEMBLY - ELEC. - SINGLE POLE - SINGLE THROW

OPP. HAND —

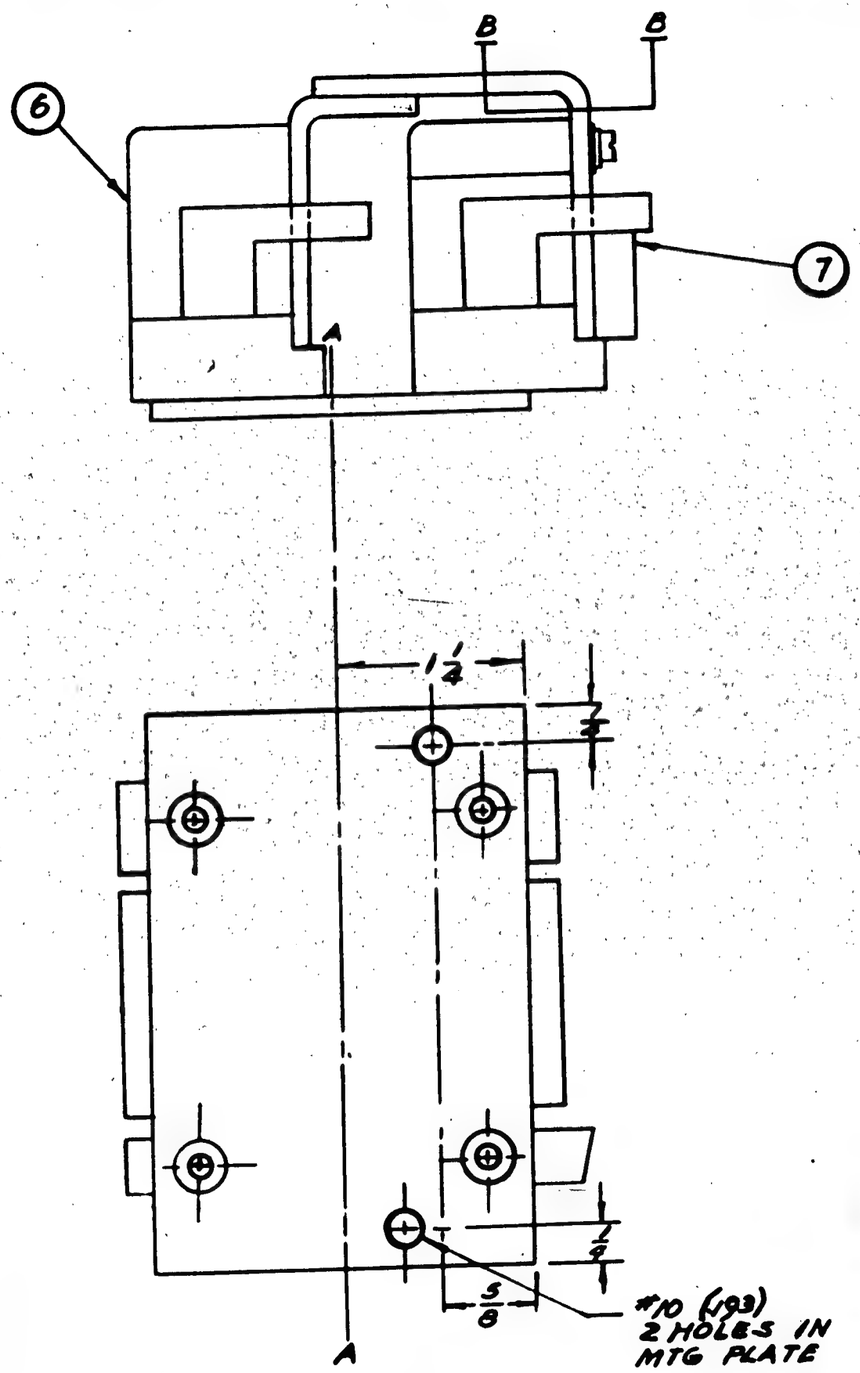
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B

28E5207

R

LET	ALTERATION	DATE	BY



NOTE
1. MODIFY THE GTR 70A2 RELAY BY CUTTING ALONG LINES INDICATED BY "A-A" & "BB".
2. THIS DRAWING RELEASED TO REWORK EXCESS STOCK OF GTR-70A2 (CAC. RELAY -6) INTO GTR-70B1 (CAC RELAY -7) ONLY. NO ADDITIONAL GTR-70A2 RELAYS TO BE RELEASED AGAINST THIS DWG.
3. CUT 400 GTR 70A2 RELAYS, -6 FOR USE ON 28E5201 & -7 FOR USE ON 28E5699.

10 PIECES MADE

FOR SHOP REF. ONLY

ASSY. DASH NO	MODEL	NEXT ASSY.	INC
	TBY-6B		

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ± 1/32 — SCALE 12" : 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-7 -8	GTR-70A2 RELAY			-0	-2	-3		-4		-5			

PARTS LIST PER ASSY.

AC —	—	4-2-42						
NAVY —	—	4/1/42						
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME RELAY -ELEC.-
GTR 70B1 TYPE

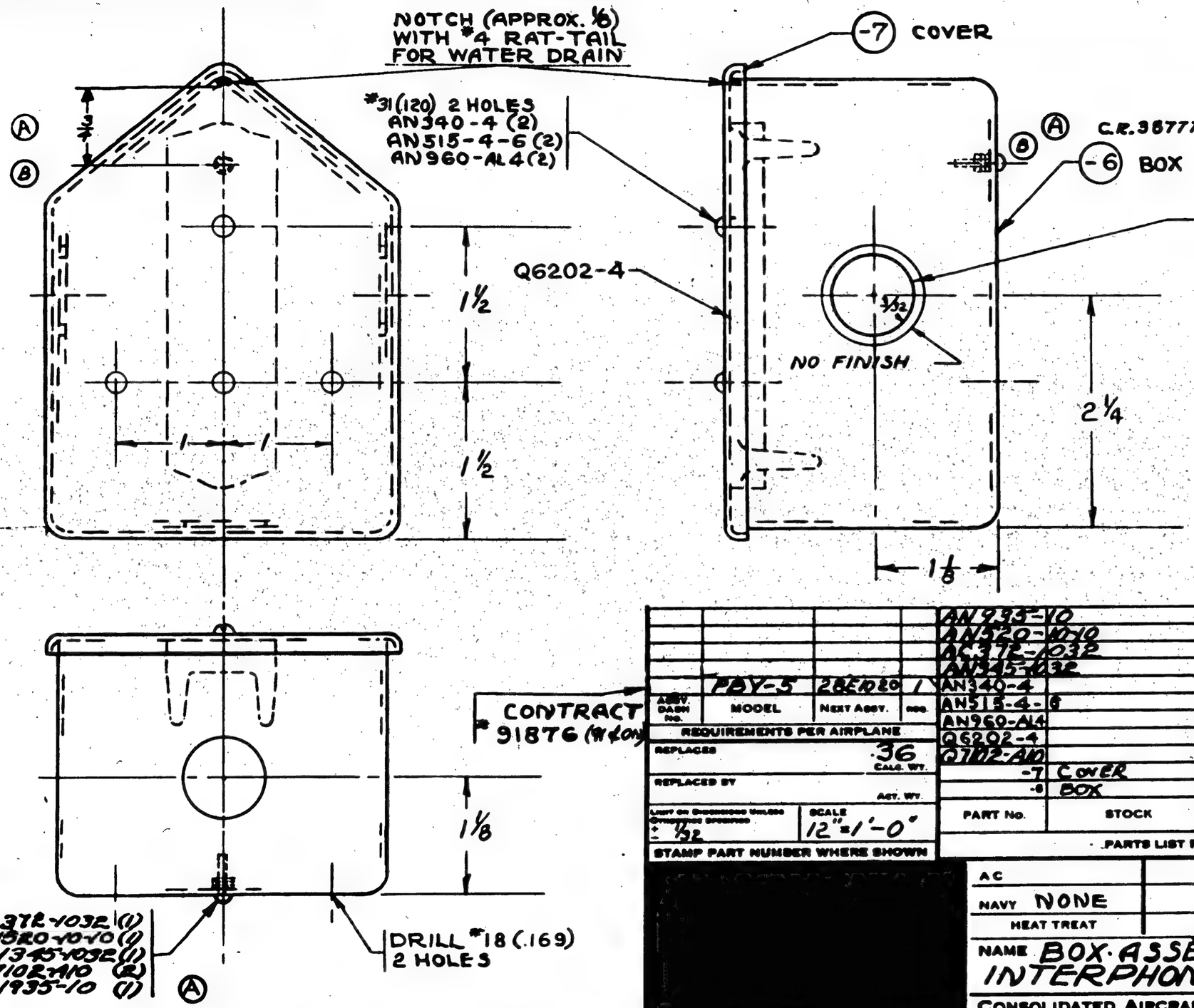
OPP. HAND —

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE

28E5209

R



LET	ALTERATION	DATE	BY
A	ADDED PARTS TO FACE OF D'WG & P/N: AN935-10 (1), AN960-10-10 (1), AC37R-1032 (1), AN345-1032 (1) & Q7102-A10 (2) ALSO 1/2" LOCATING DIM. W/TOLS. NEW	7-24-42	[illegible]
B	CHANGED 1/2 LOCATING DIM. TO 1/4 ON FACE OF DWG. REMOVED REQ'S FOR. PBY-5A NOa63464	7-14-43	Shannon

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5	28ED20	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. 36

REPLACED BY — ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	-0 LH	-0 RH	-2 LH	-2 RH	-3 LH	-3 RH	-4 LH	-4 RH	-5 LH	-5 RH
				REQ.		REQ.		REQ.		REQ.		REQ.	
PARTS LIST PER ASSY.				-0		2		-3		-4		-5	
AN935-10				1		1		1		1		1	
AN920-10-10				1		1		1		1		1	
AC37R-1032				1		1		1		1		1	
AN345-1032				1		1		1		1		1	
AN340-4						2		2		2		2	
AN515-4-6						2		2		2		2	
AN960-AL4						2		2		2		2	
Q6202-4								1		1		1	
Q7102-A10													
-7	Cover	NOTED											
-6	BOX	NOTED											

AC		GARCIA	SIMS 7-27	GERBER		GROVER	J.C.H		
NAVY NONE	NONE	6-22-42	V.E.W.		H.W.S.	8-6-42	WOLD		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.		

NAME BOX ASSEM. - ELEC. - INTERPHONE JUNCTION

OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

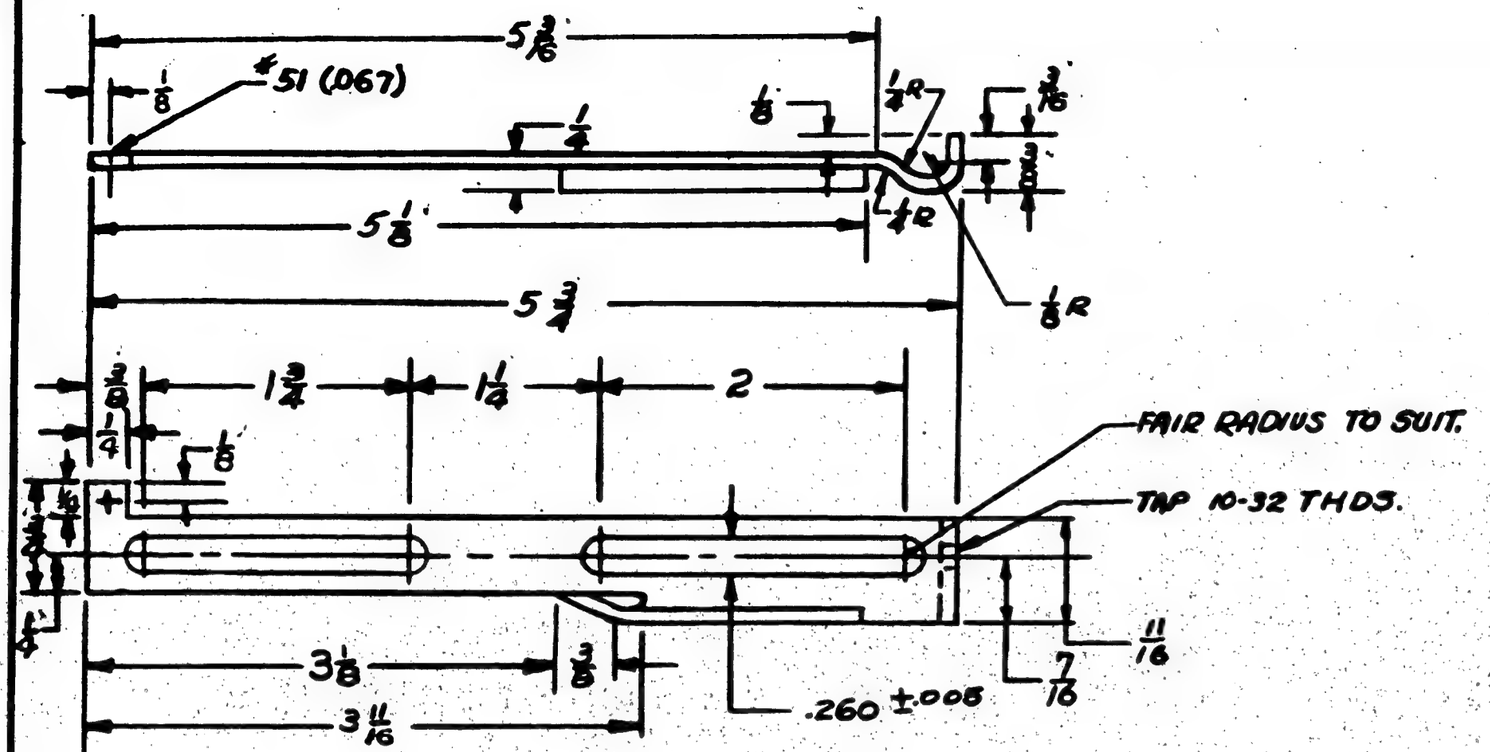
SIZE B — 28E5226

NOTE:- MAKE -6 BOX & -7 COVER FROM NAF 39923-1 BOX ASSEMBLY

28E5226

R 8-26-43

LET	ALTERATION	DATE	BY :
D	TRACED	6-12-43	ZERBEE
E	ADD 5 3/16, 1/4, 1/4R (2 PLACES) 1/8 ℄		
	5 1/8 DIMS. 5 3/4 WAS 5 5/8, 2 WAS		
35 E	1 3/4, 3/8 WAS 1/2; REMOVE 1/2 DIM.	6-12-43	ZERBEE



C# 91876 #91 CON
C# 88476 #53 CON

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	28-5AMN	28E5247	1
	PBY-5B	28E5247	1
	PBY-5	28E5247	1
	PBY-5A	28E5247	1

REQUIREMENTS PER AIRPLANE

REPLACES 28E5249 OF 3-2-43 | CALC WT. -02

REPLACED BY | ACT WT

LIGHT ON SHOULDERS UNLESS OTHERWISE SPECIFIED: ± V32 | SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
	K78F X 6 1/4	AL.AL.EXT	46A9-T										

PARTS LIST PER ASSY.

AC		J.M. HILLMAN	MILLS	LEIBERFILER		ZUCK
NAVY 33,000	Z-P-GP	8/26/42	8/26/42	HILLMAN		5-10-42
HEAT TREAT	FINISH	CHECK	STRUCT	MAT	APPROV	ENG

NAME CAM - ELEC - FLOAT CONTROL DOWN SWITCH

OPP. HAND

CONSOLIDATED AIRCRAFT, CORP. SAN DIEGO CALIF

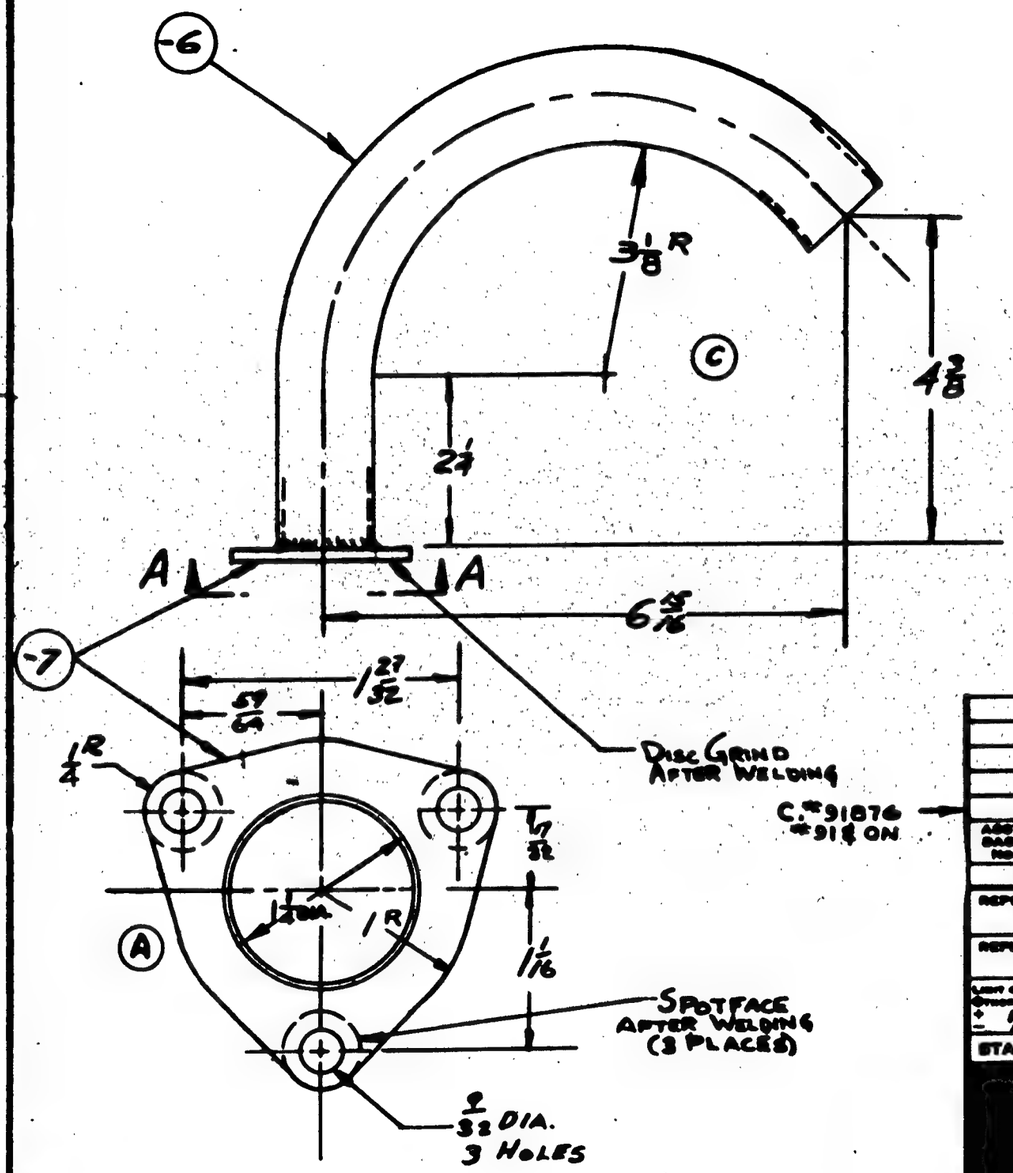
DWG. B SIZE

28E5249

28E5249

R

LET	ALTERATION	DATE	BY
A	DIM. "1/4" WAS "1 3/8" IN BY		
	DIA. OF -6 "1/4 O.D." WAS "1/2		
	O.D." 3/8 R" WAS "3" WT. CHG. NEG.	12-21-42	[illegible]
B	H.T. "NONE" WAS "ANNEAL		
	AFTER WELDING" LENGTH		
	OF -6, "15" WAS "6 7/8"		
	WT. CHG. NEG.	12-21-42	[illegible]
E.O.A 34022 C	REMOVED DIM. "1/16 FLAT.		
	NO WT. CHG.	1-15-43	[illegible]



VIEW A-A
(SCALE 12"=1'0")

ASSY. BASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5	28E5268	1

REQUIREMENTS PER AIRPLANE

REPLACES	GALV. WT.
REPLACED BY	ASSY. WT.
UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 6"=0" 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-7	.125x2 1/4x2 1/2	St. St. Sht.	AN-QQ-S-757	1									
-8	1" O.D. x .035 x 12	St. St. Tube	AN-W-W-T-806	1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		Von Maur	Joyce	Kilfoil			Zook
NAVY NONE	SAND BLAST & PASSIVATE	9-2-42	9-8-42		Custer		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME TUBE ASS'Y-OUTLET DUCT-AUX POWER PLANT

OPP. HAND

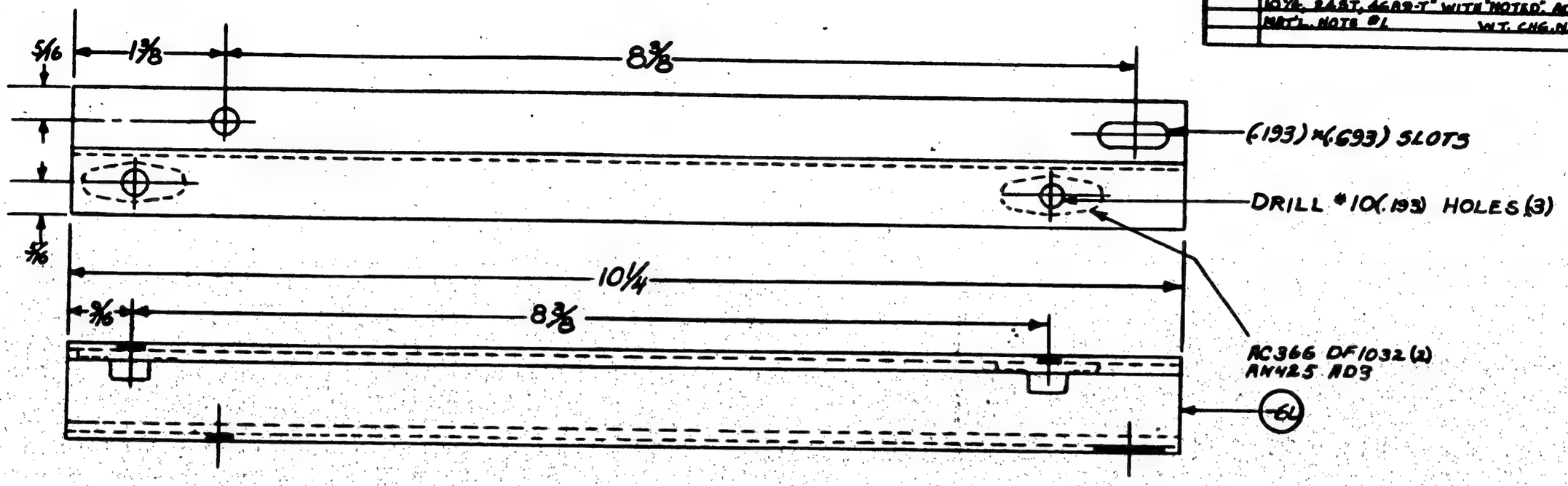
CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO, CALIF.

SIZE B | 28E5264

R 9/42

E.O.#64271

LET	ALTERATION	DATE	BY
A	REVISED REQ. PER AIRPLANE BLOCK. NO WT. CHG.	2-21-43	
B	IN 5/16, DIA - 6 1/2, REPLACED "K14040 X 10 1/2, 24ST, 4GA 2-T" WITH "NOTED" AGREE MAT'L. NOTE #1 WT. CHG. NEGL.	11-43	



MATERIAL NOTE —
1.-MAT'L. FOR -6L & -6R MAY BE-
(A) Y-36-A9T X 10 3/8, OR
(B) K14040 X 10 3/8, AL AL. EXTR., SPEC. QQ-A-354-T.

CAC #32
C-NOa(S)464
CONT. 91876 #91 for

-OR	PBY-5A	28E5256	2
-OL	PBY-5A	28E5256	2
OR	PBY-5	28E5256	2
OL	PBY-5	28E5256	2

USED ON	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES	1010 Engg. Wt.
REPLACED BY	Adv. Wt.
TOLERANCES UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 0'12" = 1'

STAMP PART NUMBER WHERE SHOWN

PART No	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN425 AD3	RIVETS									2	2		
RC366 DF1032													
28E5256-3	NOTED	NOTED	NOTED							1			
28E5256-4	NOTED	NOTED	NOTED								1		
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC —		KWG	KWK			
NAVY —	ZP-GP	9/4/42	9/4/42			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRACKET. -ELECT.- BOMB BAY JUNCTION

OPP. HAND —— R

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

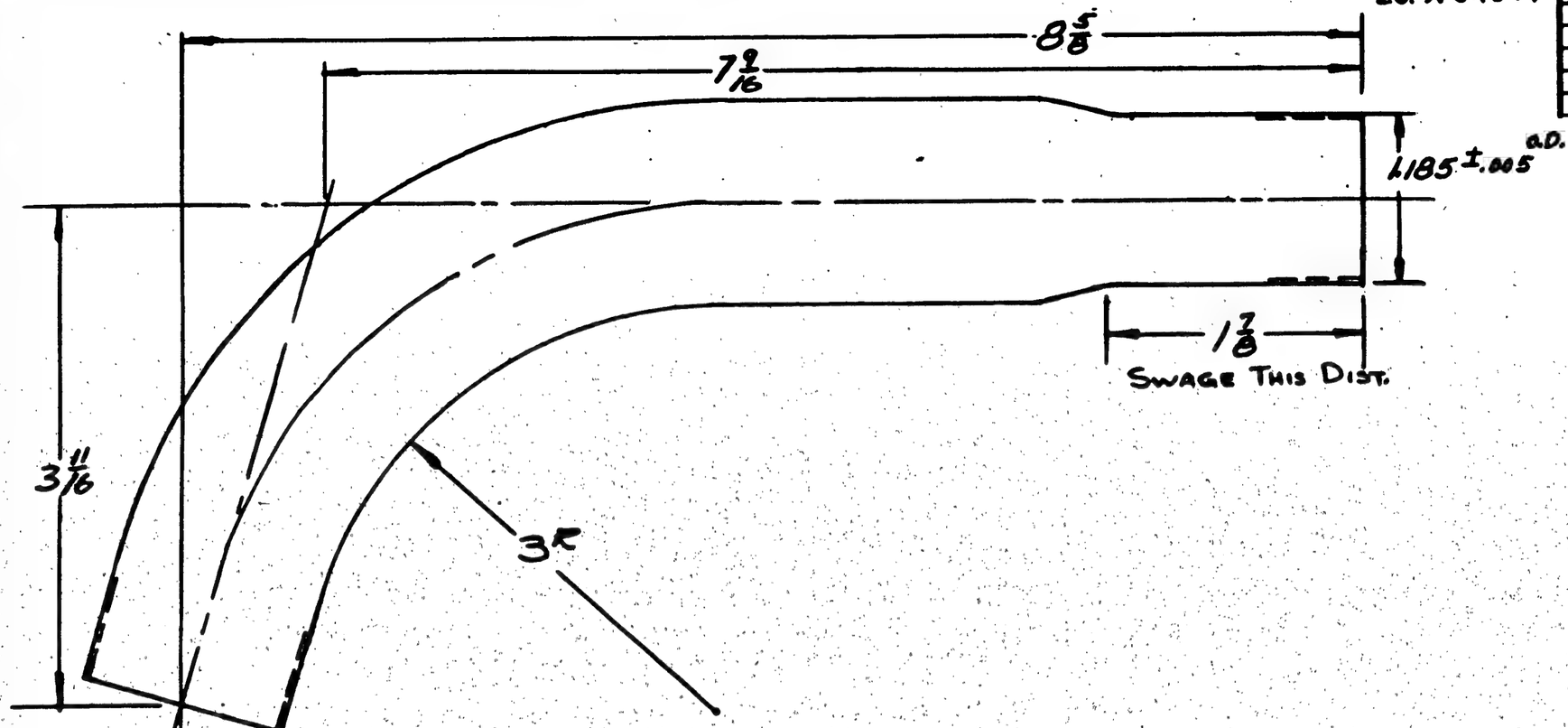
SIZE B — 28E5266

28E5266

R

LET	ALTERATION	DATE	BY
A	1¼ O.D WAS 1½ O.D. NO WT. CH'G.	10-12-42	WRITER

E.O. A 64047



C. 9187 6
AIRPLANE 9188H

ASSY. PARTS No.	MODEL	NEXT ASSY.	QUAN.
	PBY-5	28E5269	

REQUIREMENTS PER AIRPLANE

REPLACES — QUAN. WT.

REPLACED BY — ASY. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE STATED: ± 1/32 & NOTED — SCALE 12"=10"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.	1¼ O.D. x .049 W 9S/8	St. Stl. Tube	AN-WW-T-850	-0		-2		-3		-4		-5	

AC								
NAVY NONE	SANDBLAST & PASSIVATE	9-3-42	9-11					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME TUBE - UPPER OUTLET - AUX. POWER PLANT

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

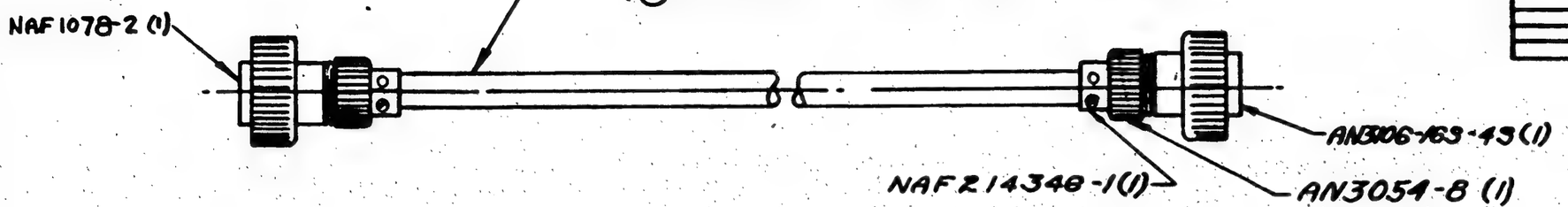
SIZE B — DWG. 28E5269

R

LET	ALTERATION	DATE	BY
A	ADDED AN3108-16S-4S (1), AN3054-8 (1), NAF214348-1 (1) REMOVED (1) NAF1078-2. ADDED -14 CH'G'D LG OF -10 FROM 60 TO 59, -11 FROM 50 TO 34, -12 FROM 40 TO 34 & -13 FROM 55 TO 47 ADDED -5 ASS'Y. Wr. Chg. No. 3-10-43		
B	RESTRICTED -0 ASS'Y. FOR PBY-5A V/T 28E1011 (1) TO C-NO a(5) 464 UP TO MCR-248-7. NO WT. CHG. 9/2/43		

MCR 248-7

(10) CABLE FOR -0 ASS'Y (BOW GUN)
(11) CABLE FOR -2 ASS'Y (WAIST GUN, STB'D.)
(12) CABLE FOR -3 ASS'Y (TAIL GUN)
(13) CABLE FOR -4 ASS'Y (BOW GUN)
(14) CABLE FOR -5 ASS'Y (WAIST GUN, PORT.)



-5	PBY-5B	28E6048	1
-5	PBY-5	28E1013	1
-5	PBY-5	28E1013	1
-0	PBY-5	28E1011	1
-2	PBY-5	28E1013	1
-5	PBY-5A	28E1013	1
-0	PBY-5A	28E1011	1
-2	PBY-5A	28E1013	1
-3	PBY-5A	28E1013	1
-4	PBY-5B	28E6048	1
-2	PBY-5B	28E6048	1
-3	PBY-5B	28E6049	1
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.

CONT. 91876
CONT. 70496 - 111 SHIPS
C-NO a(5) 464 UP TO MCR 248-7
CONT. 70496 - 28 SHIPS
CONT. 77713 - 116 SHIPS
CONT. 88476

REQUIREMENTS PER AIRPLANE

REPLACES — GALS. WT.

REPLACED BY — ASS'Y. WT.

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED — SCALE

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	-0 LH	-0 RH	-2 LH	-2 RH	-3 LH	-3 RH	-4 LH	-4 RH	-5 LH	-5 RH
				REQ.		REQ.		REQ.		REQ.		REQ.	
AN3108-16S-4S													
AN3054-8													
NAF214348-1													
NAF1078-2													
-14 CABLE	CAC* CA-59-32LG												
-13 CABLE	CAC* CA-59-47LG									1			
-12 CABLE	CAC* CA-59-34LG	GRAYBAR ELEC #16						1					
-11 CABLE	CAC* CA-59-34LG					1							
-10 CABLE	CAC* CA-59-59LG			1									

PARTS LIST PER ASSY.

AC —	—	MILLS		
NAVY NONE	NONE	9/10/42	9/16/43	9-23-43
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT. MAT. APPROV. ENG.

NAME CABLE - ELEC. - N-4 CAMERA CONNECTOR

OPP. HAND NONE

SIZE B — 28E5272

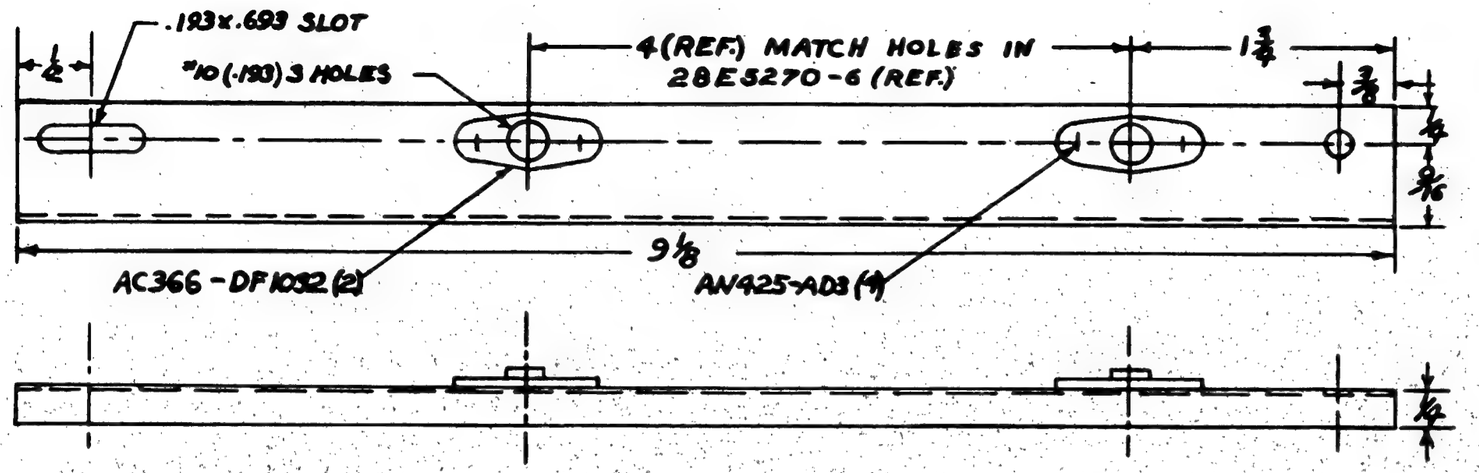
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

NOTE:-
1. WIRES TO BE SOLDERED TO TERMINALS IN PLUGS.
2. LENGTHS OF CABLES SPECIFIED ARE INDEPENDENT OF PLUGS.

R

E.O. A95341

LET	ALTERATION	DATE	BY
A	1/8 R. WAS 3/16 R. NO WT. CHG.	1-29-43	[illegible]



C. 13595 –
CONT. #91876
SHIPS #914 ON

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
-0R	PBY-5A	28E5274	1
-0L	PBY-5A	28E5274	1
-0R	PBY-5	28E6274	1
-0L	PBY-5	28E6274	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. .072

REPLACES BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32

SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH
AN425-AD3				4	4				
AC366-DF1032				2	2				
-0R	9 1/4 x 1 5/8 x .040	24ST	46A8-T			1			
-0L	9 1/4 x 1 5/8 x .040	24ST	46A8-T				1		

PARTS LIST PER ASSY.

AC		C.C. FRENCH	CARLSON						
NAVY	Z-P-GP	9/9/42							
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.		

NAME SUPPORT-ELEC.-RADIO POWER JUNCTION BOX

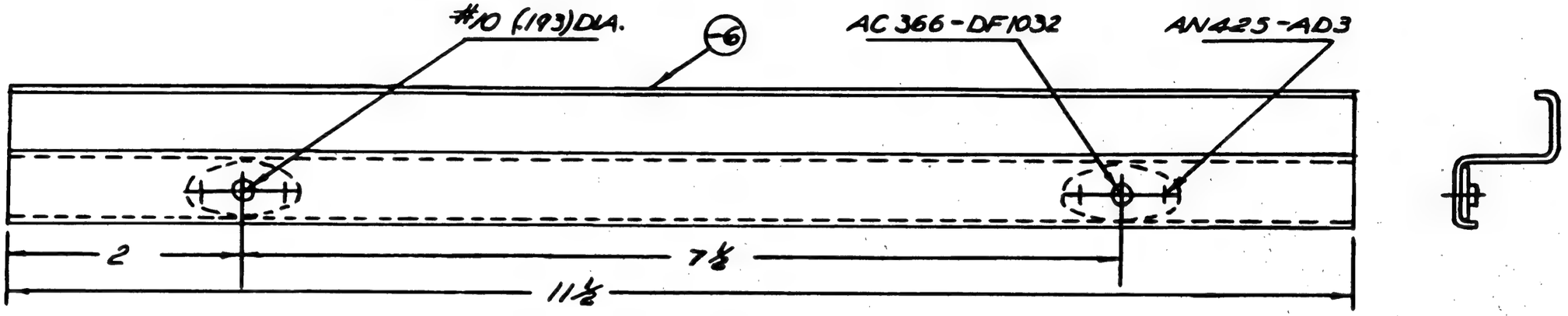
OPP. HAND 28E5273-R

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE — 28E5273

R

LET	ALTERATION	DATE	BY
A	IN B/M, FOR -6, REPLACED "K14040X 11 3/4, AL. AL. 24ST., 46A9-T" WITH "Y-36-A9T X 11 3/4." WT. CHG. NEG.	4-23-42	KNIGHT



91876 Sht of

0	PBY-5	28E5286	1
ASSY. BASH No.	MODEL	NEXT ASSY.	REQ'D.

REQUIREMENTS PER AIRPLANE

REPLACES — SHIP. WT.

REPLACED BY — ASY. WT.

LIGHT ON DRAWING UNLESS OTHERWISE SPECIFIED — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.
AN425AD3			
AC366-DF1032			
-6	Y-36-A9T X 11 3/4		

PARTS LIST PER ASSY.

	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	-0		-2		-3		-4		-5	
							1/2		1/2	

AC		9-11-42	DESIGN
NAVY ———	Z-P-GP	R. Inspection	LAYOUT
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / MAT. / APPROV. / ENG.

NAME SUPPORT-ELEC. A.C. CONDENSER BOX

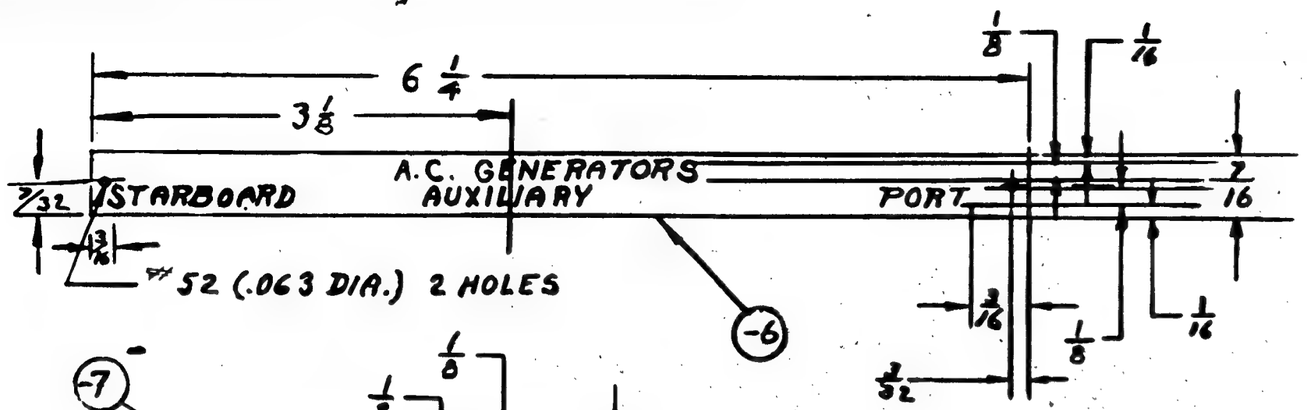
CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO, CALIF.

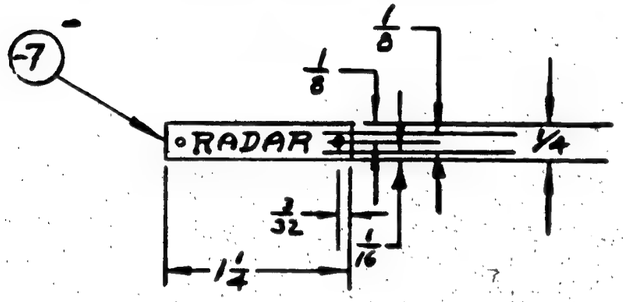
OPP. HAND

DWG. B SIZE 28E5283

R 9 17 42

LET	ALTERATION	DATE	BY





-8

STOVE

NOTE: SAME AS -7 EXCEPT AS SHOWN

-9

RADIO

NOTE: SAME AS -7 EXCEPT AS SHOWN

NOTE: LETTERING TO BE 1/8 HIGH WITH 1/16 BETWEEN LINES. LETTERING TO BE WHITE ON A DULL BLACK BACKGROUND.

1/32 OR 1/16 COMMERCIAL GRADE RED FIBRE AT VENDORS DISCRETION. BOTH SIDES COATED AFTER SCREENING OR LITHOGRAPHING WITH ANDREW BROWN CO. #L-60 WATERPROOF SEALER OR EQUIVALENT. PURCHASE TO DWG.

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
-9	PBY-5	28E5281	1
-8	PBY-5	28E5281	1
-7	PBY-5	28E5281	1
-6	PBY-5	28E5281	1

REQUIREMENTS PER AIRPLANE

REPLACES .005 GALV. WT.

REPLACED BY ACT. WT.

SCALE 12"-1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
-9	1/32 x 3/8												
-8	1/32 x 3/8												
-7	1/32 x 3/8												
-6	1/32 x 3/8												

NOTED

PARTS LIST PER ASSY.

AC		KELECIN					
NAVY	NOTED	9-11-42				9-17-42	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME NAMEPLATE- ELEC.- A.C. JUNCTION BOX

OPP. HAND

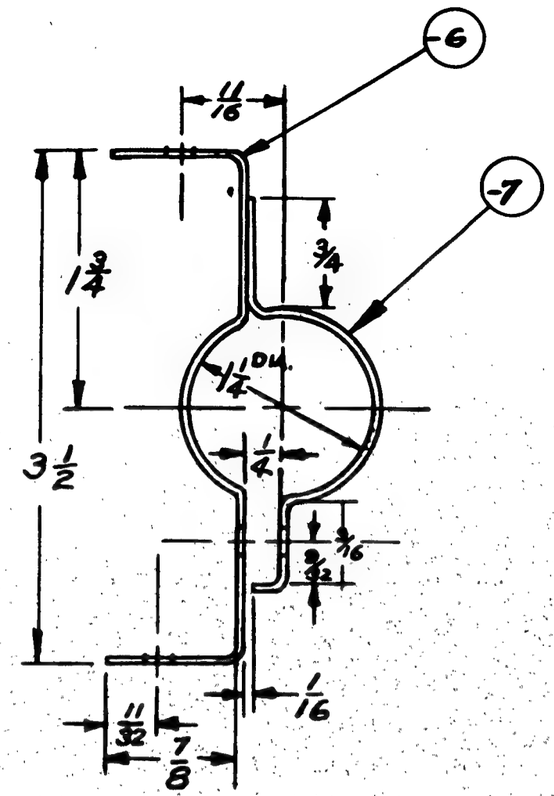
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

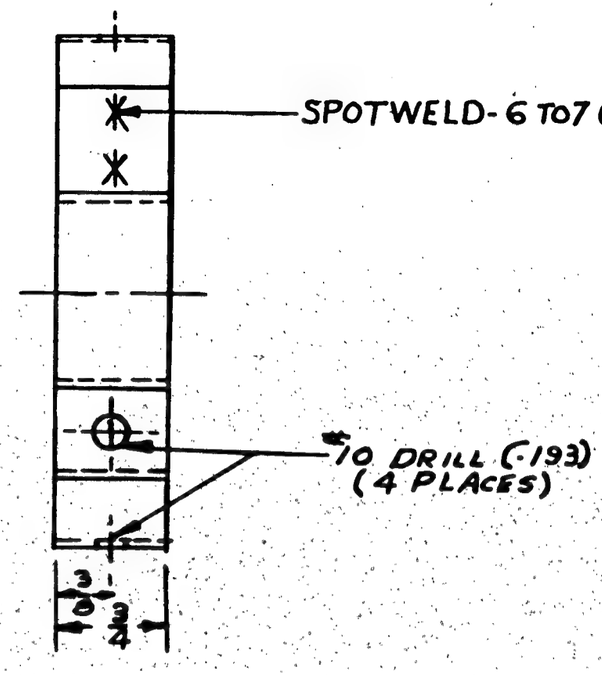
DWG. B SIZE 28E5292

R 9-17-42

E.O. #A64046

LET	ALTERATION	DATE	BY
A1	11/16 DIM WAS 3/4; 11/32 WAS 3/8		
	1 1/4 DIA. WAS 1 1/2. WT. CHG. NEG.	10-12-42	[illegible]





C. 91876
#91 SEE 40N

ASSY DASH NO	MODEL	NEXT ASSY.	REQ
	PBY-5		1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT

REPLACED BY — ACT. WT.

LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32 — SCALE 12" = 10"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-7	.032 X 3/4 X 4 5/16	C.M. SHT. STL.	AN-QQ-S-685	1									
-6	.032 X 3/4 X 6 5/16	C.M. SHT. STL.	AN-QQ-S-685		1								

PARTS LIST PER ASSY. — -0 | -2 | -3 | -4 | -5

AC		Van Nuys 9-14	[illegible]	[illegible]	[illegible]	[illegible]
NAVY	C-P	7-15-42	[illegible]			[illegible]
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME CLAMP ASS'Y. - EXHAUST OUTLET-AUX. POWER PLANT

OPP. HAND

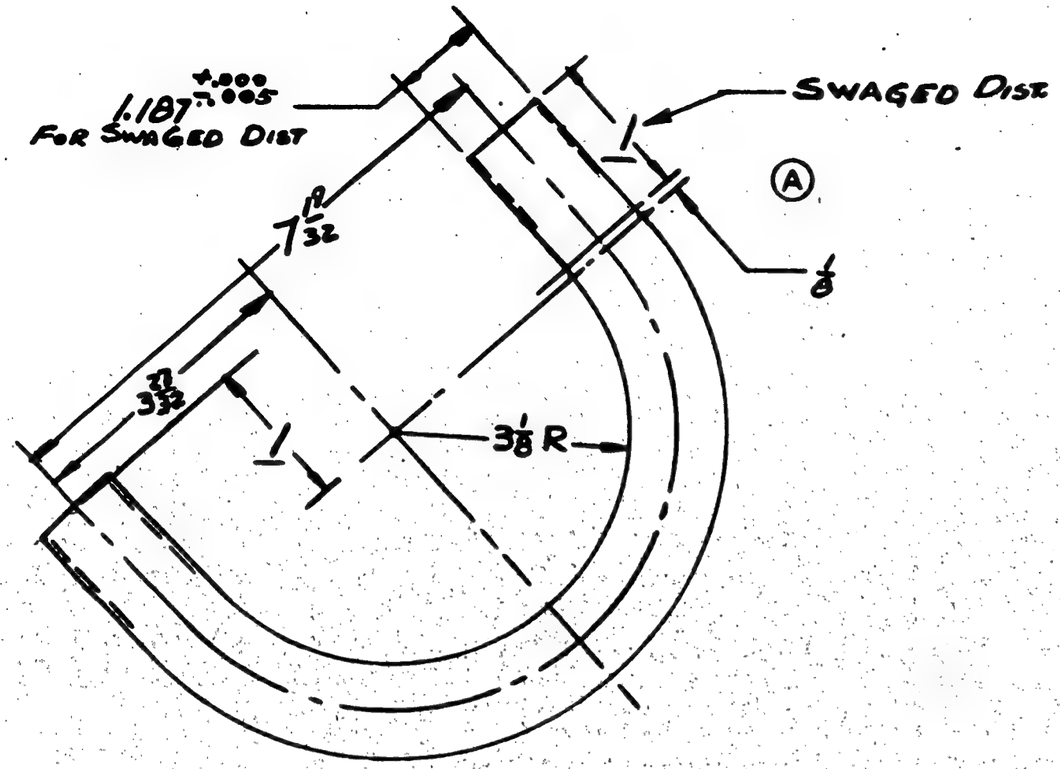
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B 28E5303

SIZE

R

LET	ALTERATION	DATE	BY
	Ea# A64043A		
A	REMOVED 1/4 DIM. 1 1/4 OD FOR TUBE		
	WAS 1 1/2; 3 7/8 R WAS 3 R. NEW WT. LBS.	12-21-4[illegible]	



C. 91876
91 SIGN

	PBY-5	28E5305	1
ASSY. DASH No.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES — Basic Wt.

REPLACED BY — Adv. Wt.

SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
PARTS LIST PER ASSY.													

AC / NAVY	ANNEAL AFTER WELDING	SAND BLAST & PASSIVATE	9-15-42	CHECK	STRUCT.	MAT.	APPROV.	ENG.
HEAT TREAT		FINISH	DRAFT.					

NAME TUBE - EXHAUST - CENTER - AUX. POWER PLANT

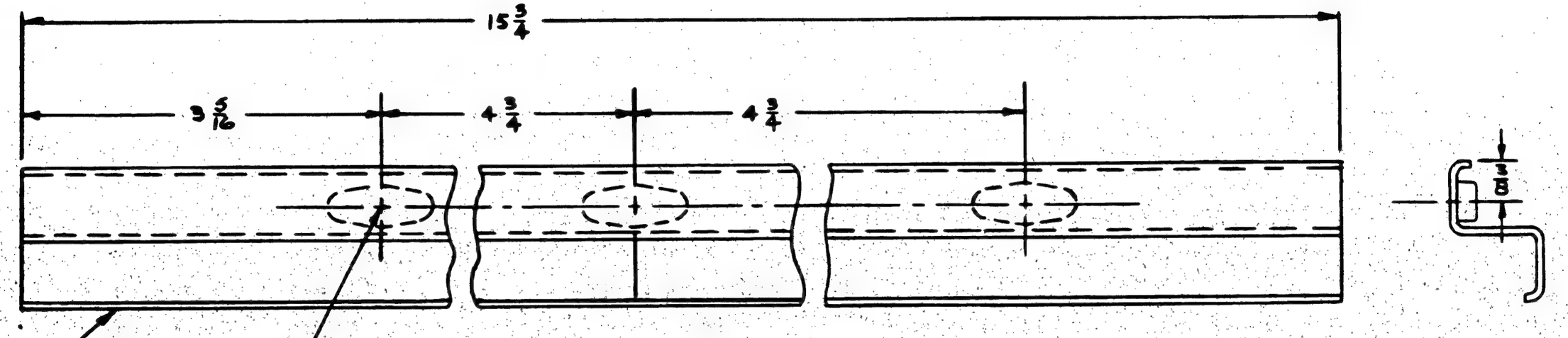
CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

OPP. HAND

SIZE B — 28E5305

R

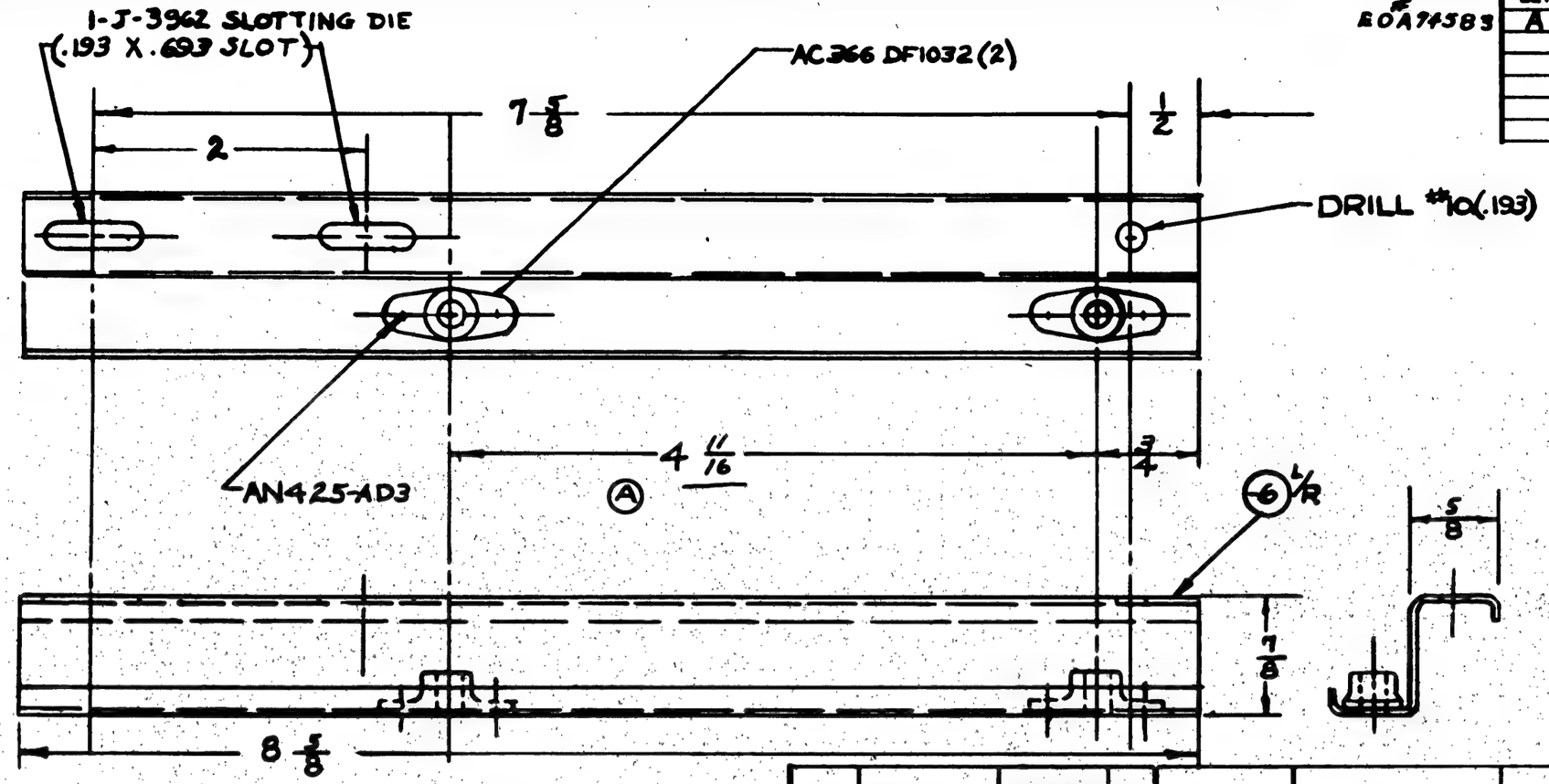
LET	ALTERATION	DATE	BY
A	AN425AD3 WAS AN442 AD3, NO WT. CHG.	12-23-42	ROSS



C.91876 #31FON

LET	ALTERATION	DATE	BY
A	DIM 4 11/16 WAS 4 3/4. ADDED NOTE.		
	"JIG --- D106696". NO WT CHG.	4-30-43	WINTER
		"	

EO A74583



A NOTE:
JIG LOCATE TO MATCH DC CONTROL BOX D106696.

C# 13595

C# 21876 "9140N"

CHG # 89(12)

-R	PBY-5A	28E5337	2
-L	PBY-5A	28E5337	2
-R	PBY-5	28E5337	2
-L	PBY-5	28E5337	2
USE BASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES	.1930# CALC. WT.
REPLACED BY	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN425-AD3													
AC 366 DF1032				4	4								
-6R	Y36-A5RT x 8 7/16						2						
-6L	Y36-A5RT x 8 7/16			2									
PARTS LIST PER ASSY.				-0	-2	-3		-4		-5			

AC		Crain				Brown	Ford
NAVY	Z-P-GP	10/29/42					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRACKET - ELEC. - D.C. VOLTAGE REGULATOR

CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO, CALIF.

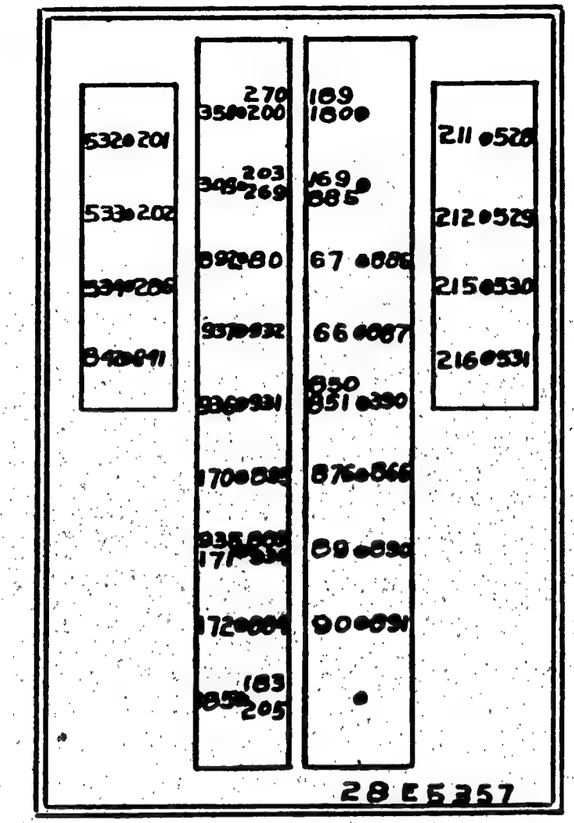
OPP. HAND 28E5330 — R

DWG. SIZE B

28E5330

R 10-12-42

LET	ALTERATION	DATE	BY
A	887 WAS 886. NO WT. CHG.	18-43	



28E5357

(A)

89-1601
C01876
*01(ON)

NOTE
CUT OUT & CEMENT TO
INSIDE OF POWER JUNCTION
BOX COVER 28E4037 (REF)

ASSY. DASH NO.	MODEL	NEXT ASSY.	QUAN.
	PBY-5	28E4037	1

REQUIREMENTS PER AIRPLANE

REPLACES — GALS. WT.

REPLACED BY — ADV. WT.

LIGHT ON DRAWINGS UNLESS OTHERWISE SPECIFIED — SCALE

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
-6													

PARTS LIST PER ASSY.

AC		4/5/42	Theel		
NAVY BLUE PRINT		KING			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME IDENTIFICATION - ELEC - JUNCTION BOX TERMINAL

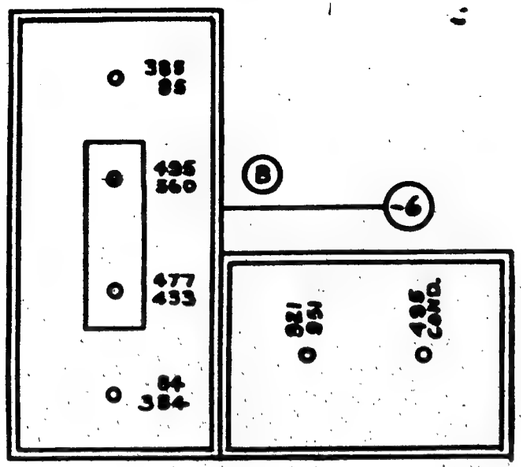
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

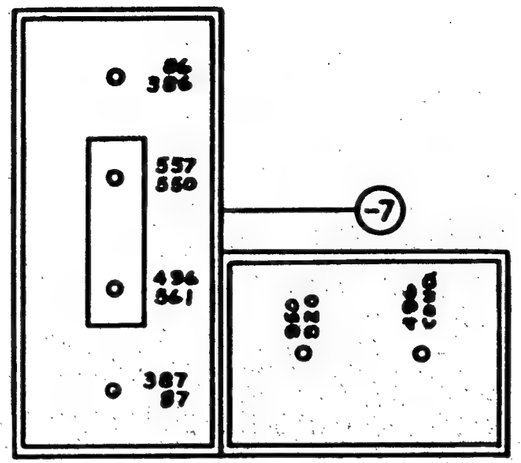
OPP. HAND

DWG. B SIZE 28E5357

R 11 25 42

LET	ALTERATION	DATE	BY
A	REVISED DWG NOTE 'CUT----'		
	28E5053-95 WAS 'CUT---'		
	28E5053-84 ASSY. (WT. CHG NEG)	1-10-43	
B	WIRE "477 WAS" 447 (NO WT. CHG)	4-20-43	





NOTE

CUT OUT AND CEMENT TO INSIDE OF BOX COVER 28E5359-6 FOR 28E5053-94; 28E5359-7 FOR 28E5053-85.

(A)

89-18(P)
C.21876 - "911 ON

REPLACES	APPROVED	DATE
REPLACED BY	CALC. WT.	ACT. WT.
LIMIT ON DIMENSIONS UNLESS + OTHERWISE SPECIFIED —	SCALE	

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O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-7	PBY-5	28E5053	1														
-6	PBY-5	28E5053	1														

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

A C				KING			
NAVY BLUE PRINT				11-13-42	11-21-42		
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	ENGR. APPROV.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP FT. NO. WHERE SHOWN

NAME IDENTIFICATION-ELEC-STARTER BOX TERMINALS

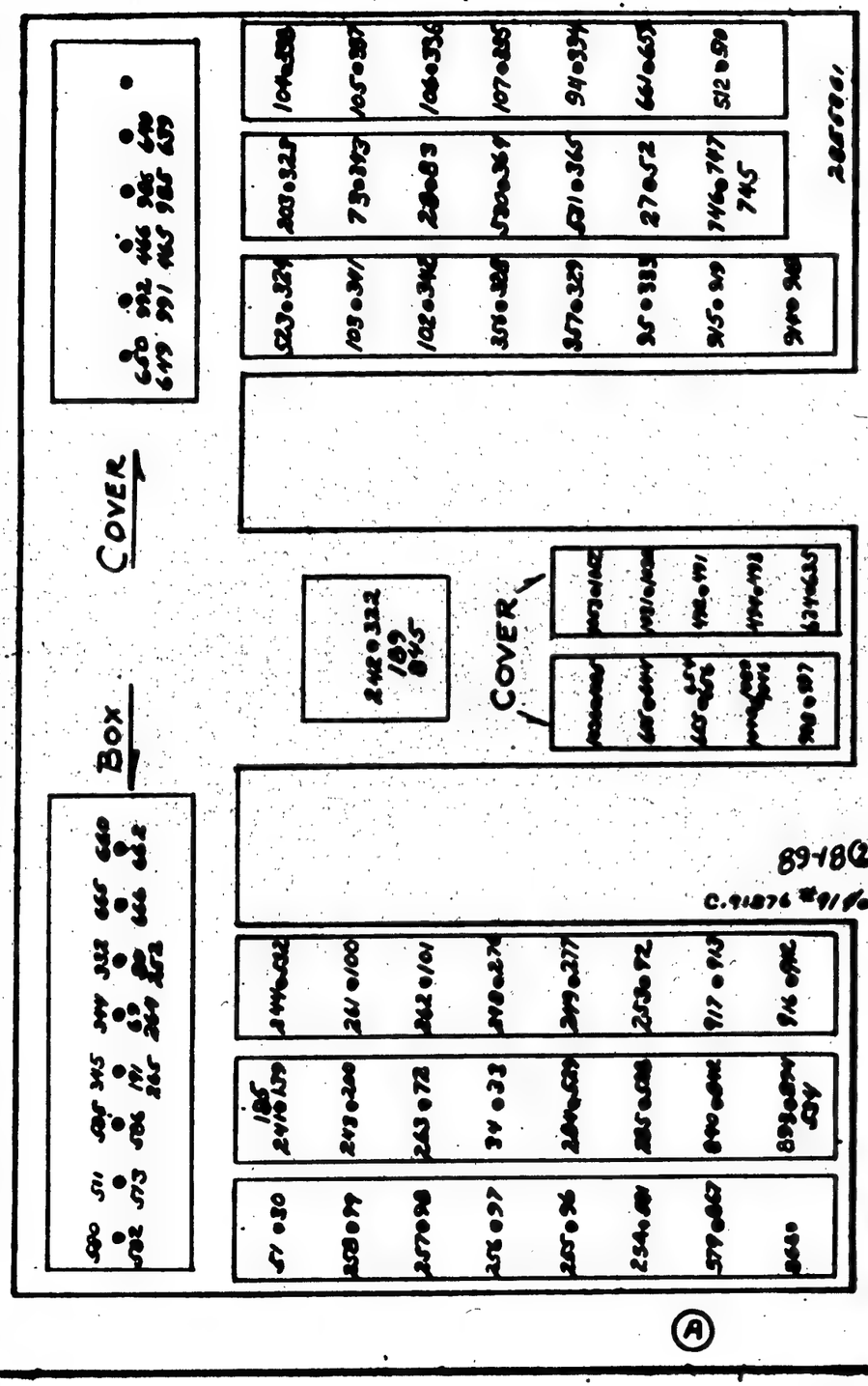
OPP. HAND

DWG. B SIZE 28E5359

PRINTED ON "IMPERIAL" TRACING CLOTH

LET	ALTERATION	DATE	BY
A	264 WAS 879, 579 WAS 868,		
	893 WAS 883, ADDED 868		
	GEN WT. CHG	1-1-43	[illegible]

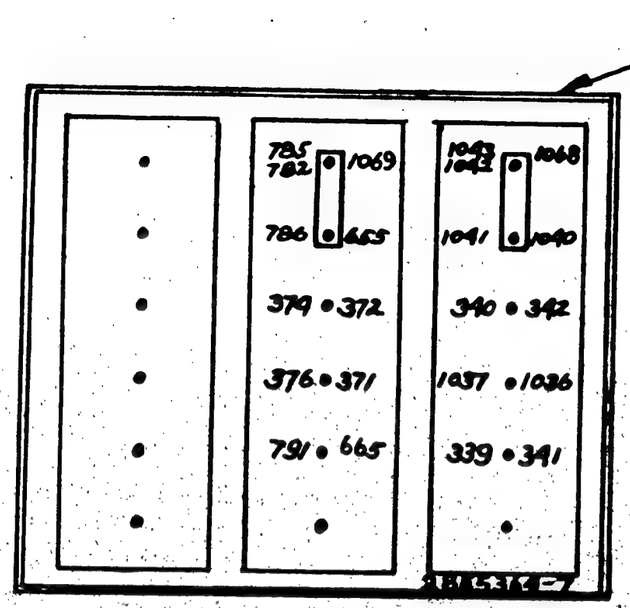
EO 93400

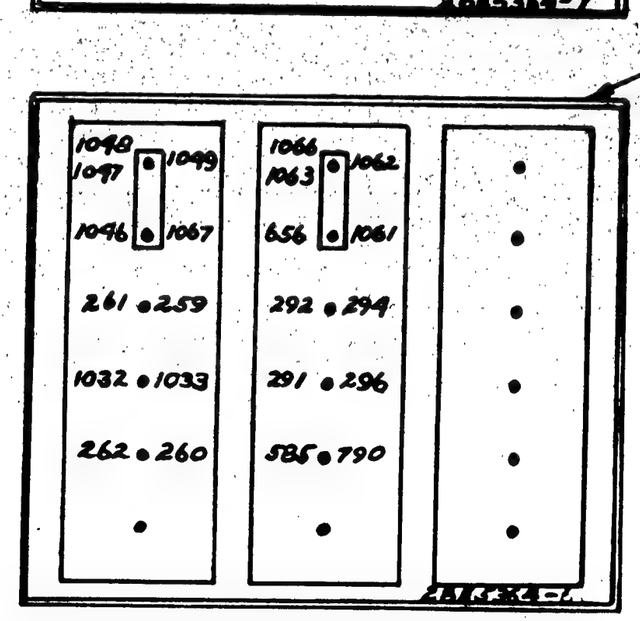


NOTE

CUT OUT AND CEMENT TO INSIDE OF BOX COVER 28E2011-17 (REF)

LET	ALTERATION	DATE	BY





NOTE:

CUT OUT AND CEMENT TO INSIDE OF BOX COVER. -6 ON 28E5256-0L ASSY AND -7 ON 28E5256-0R ASSY.

88-18(2)
C-91876
#91ĒON

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
7	PBY-5	28E5256	1
6	PBY-5	28E5256	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

SCALE

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
-6													

PARTS LIST PER ASSY.

AC		11/12/42					
NAVY BLUE PRINT	—	KING					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG

NAME IDENTIFICATION-ELEC-BOMB BAY JUNCTION-TERMINAL

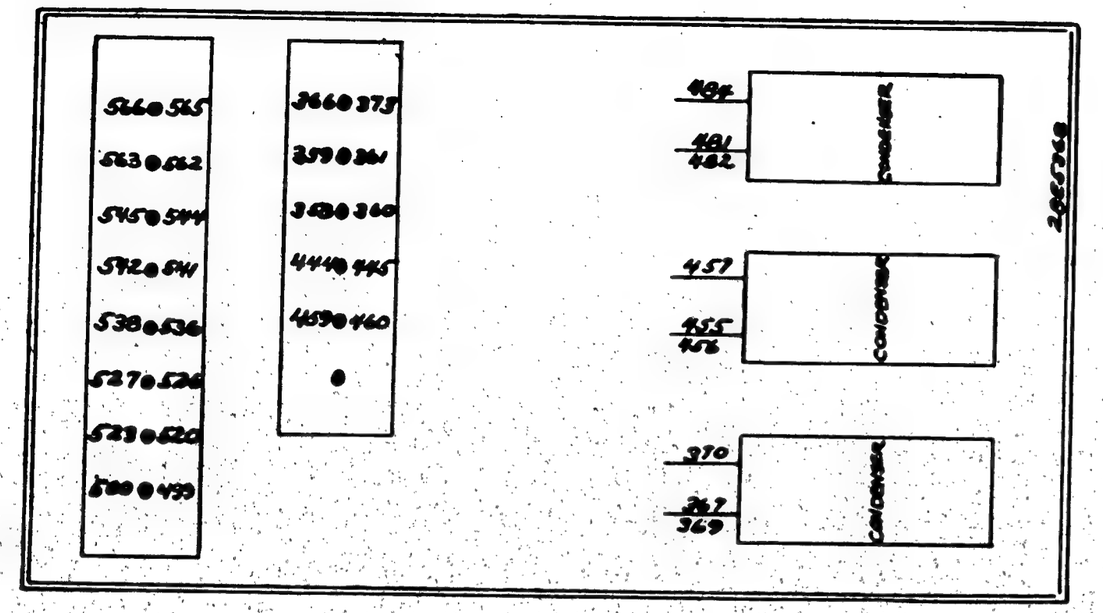
CONSOLIDATED AIRCRAFT CORP. — SAN DIEGO, CALIF.

OPP. HAND

DWG. SIZE B — 28E5364

R 11-25-42

LET	ALTERATION	DATE	BY



NOTE

CUT OUT AND SHELLAC TO INSIDE OF BOX COVER 28E5284-7 (REF)

8918(1)
C 91876 #91 Con

ASSY. DASH NO.	P-B4Y-5 MODEL	28E5368 NEXT ASSY.	1 QTY

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

LEAVE ON DRAWING UNLESS OTHERWISE SPECIFIED — SCALE

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
-6									

PARTS LIST PER ASSY.

AC		RING	Three	Duplicate	
NAVY Blue Print	—	11/7/42	Three	11	11-24-42
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT

APPROV. | ENG.

NAME IDENTIFICATION - ELEC A.C. CONDENSER BOX TERMINAL

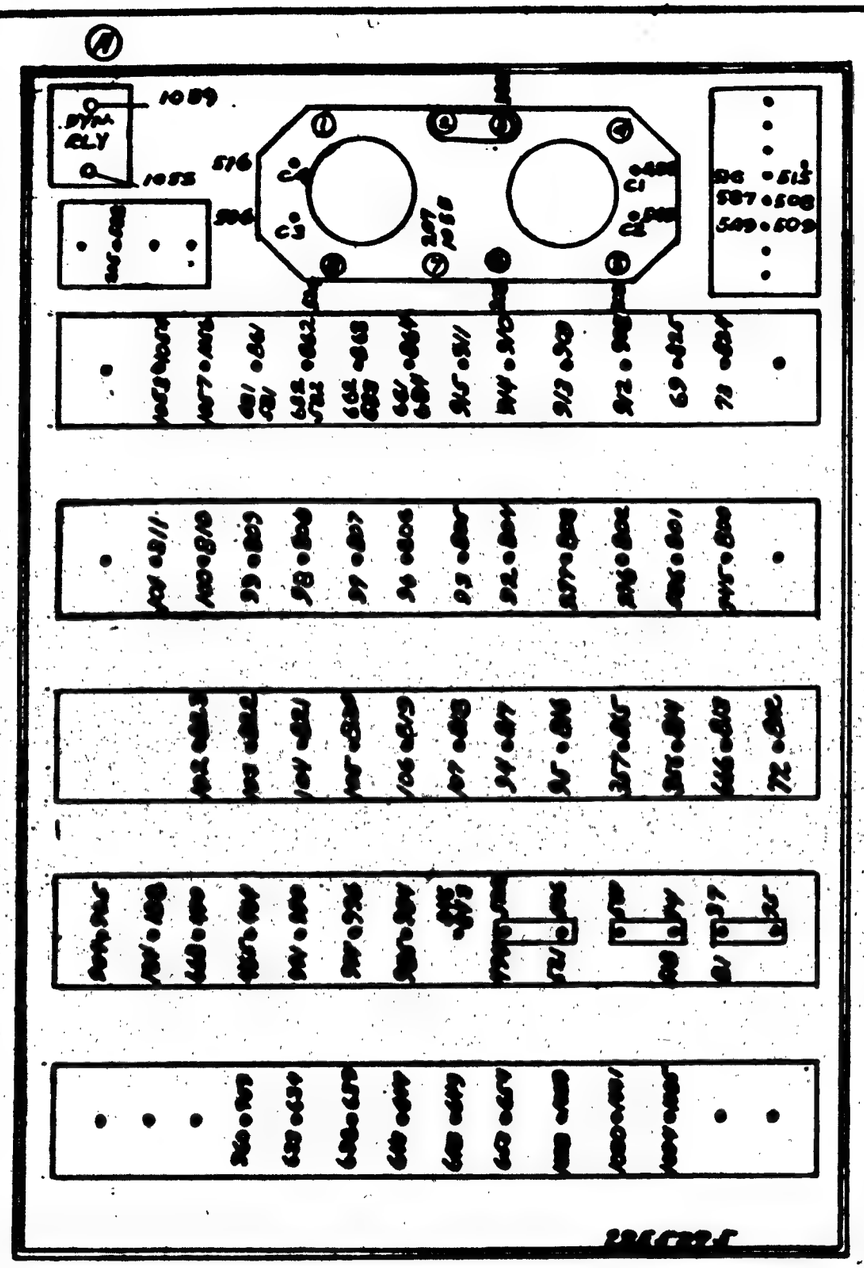
OPP. HAND

DWG. B SIZE 28E5368

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

R

LET	ALTERATION	DATE	BY
A	[illegible]		
	[illegible]		
	[illegible]		
	[illegible]		
	[illegible]		
	[illegible]		
	BRAKE RELAY WT. CHANGED		



NOTE
CUT OUT AND CEMENT TO INSIDE
OF BOX COVER 28E6217 (REF)

C-9876 #91-345
89-180

AGENCY ITEM NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5	28E5310	1

REQUIREMENTS PER AIRPLANE

REPLACES	SERIAL QTY.
REPLACED BY	ASSY. QTY.
USED ON SUCCEEDING ORDERS / DISCONTINUED ORDERS / + / −	SERIALS

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC		KING	[illegible]	[illegible]	[illegible]
NAVY BLUE PRINT	—	"Hafer"	[illegible]	[illegible]	[illegible]
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

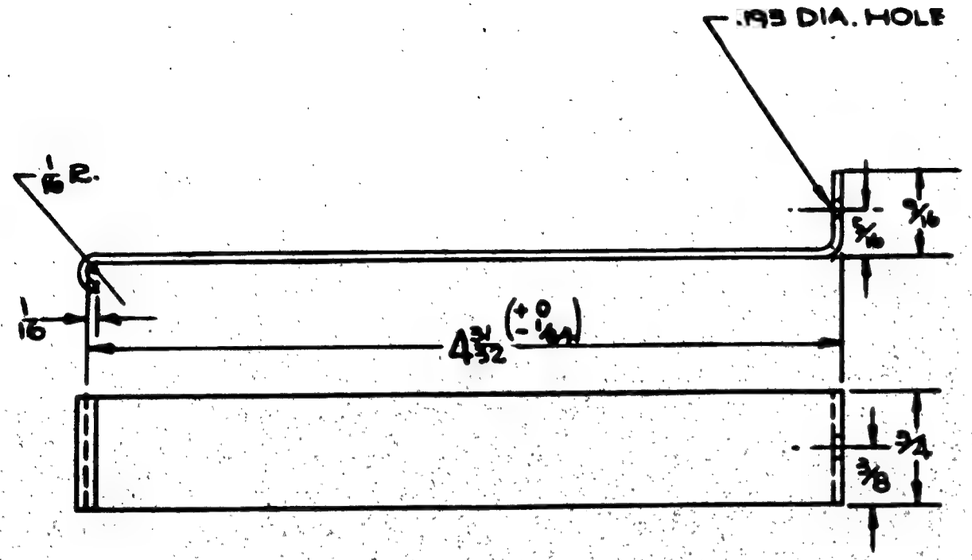
NAME IDENTIFICATION -ELEC-
FLOAT RELAY BOX TERMINAL

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

OPP. HAND

SIZE B | 28E5375

LET	ALTERATION	DATE	BY



CONTRACT #9187c-91 & ON

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	P5Y5	28E5285	4

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

LIGHT ON ENGINEERING UNLESS OTHERWISE SPECIFIED: + 1/32 − | SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.050 X 3/8 X 5 1/8	CARBON STEEL SAE 1319	AN511										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		12-28-42						
NAVY NONE	C	FINISH						
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT.	APPROV.	ENG.	

NAME BRACKET-ELEC-NEA-3

GENERATOR CONDENSER

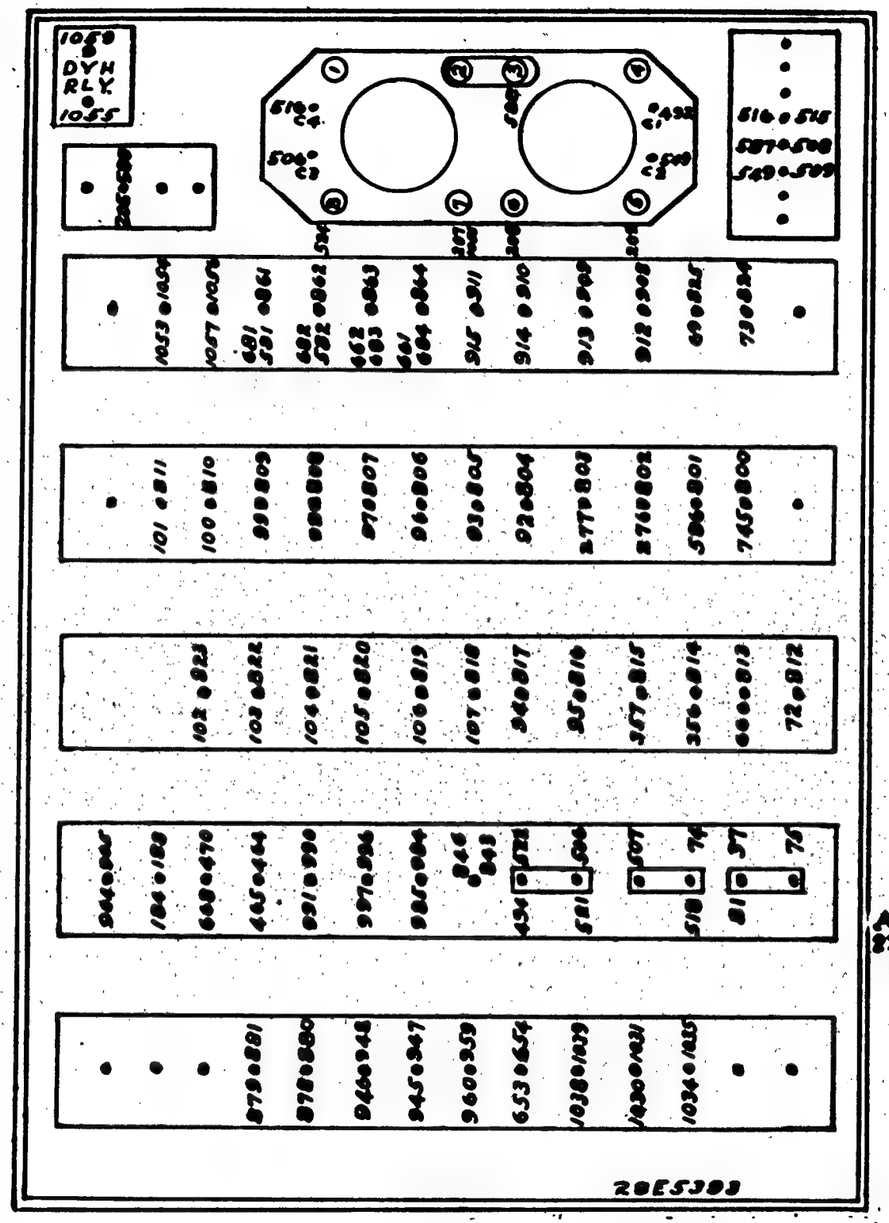
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND NONE

SIZE B | 28E5392

LET	ALTERATION	DATE	BY
A	REMOVED NUMBERS 947, 946, 948, 946, 638, 632, 878, 877, 949 & 950 & REPLACED WITH 960, 959, 946, 947, 944, 948, 878, 879, 880, 879		
	NO WT. CHG.	2-4-43	
B	REMOVED FROM REQ. BLK; C.N.X. 13595, CAL. #23-22 PBY-5A - 28E6218		
	(1) REQ. WT. CHG. NEG.	3-10-43	

28E5393



NOTE:-
CUT OUT & CEMENT TO INSIDE
OF BOX COVER 28E6217 (REF.)

APPROVED FOR
TOOLING BY
RB Humphreys 1-2-43

AFA 23-22

ASSY. DASH NO	MODEL	NEXT ASSY.
	PBY-5	28E6218 1

REQUIREMENTS PER AIRPLANE

REPLACES	CALC WT.
REPLACED BY	ACT. WT.
LIGHT ON DRAWINGS UNLESS OTHERWISE SPECIFIED + −	SCALE

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
PARTS LIST PER ASSY.									

AC								
NAVY BLUE PRINT		2-2-43						
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG.	

NAME IDENTIFICATION-ELEC-
FLOAT RELAY BOX TERMINAL

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. W. & SAN DIEGO, CALIF.

DWG. B SIZE 28E5393

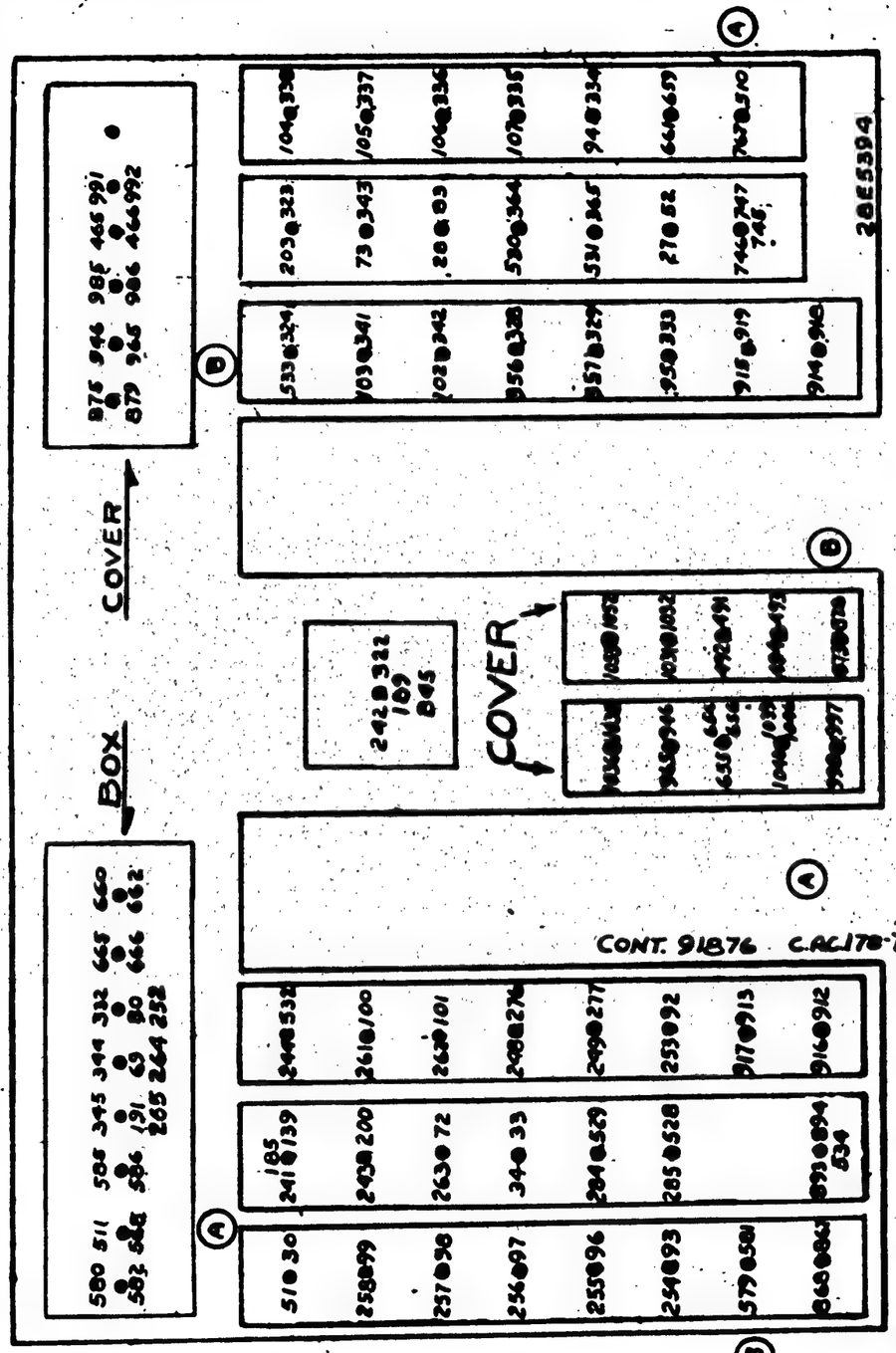
R

F.L.R 15631

LET	ALTERATION	DATE	BY
A	REMOVED WIRES #512 & #513 &		
	REPLACED WITH #567 & #568.		
	C.A.C. 178-7 WAS C.A.C. 23-22		
	NO. WT. CHG.	7-25-43	[illegible]
B	WIRE #93 WAS #581, #581 WAS #867,		
	#523 WAS #523, #873 WAS #877,		
	#878 WAS #875, #875 & #879		
	WERE #944 & #945 #946 & #945		
	WERE #992 & #991 #986 & #985		
	WERE #466 & #465, #466 & #466		
	WERE #986 & #985, #991 & #992		
	WERE #876 & #877, ADDED #867		
	REMOVED #840 & #843. NO WT. CHG	8-20-43	RWOE
C	REMOVED - PBY-5A-NA 28E2011-9)		
	FOR C.N.X.13585-AC.A. 178-7 FROM		
	REG/PLANE #1K WT. CHG. NEG.	8-11-43	[illegible]

28E5394

NOTE:-
CUT OUT & CEMENT TO INSIDE OF BOX & COVER 28E2011-17 (REF.)



APPROVED FOR TOOLING BY
[signature] 1-2-43

ASSY DASH NO	MODEL	NEXT ASSY.	REQ
	PBY-5	28E2011	1

REQUIREMENTS PER AIRPLANE
REPLACES — Galv. Wt.
REPLACED BY — Adv. Wt.
SCALE
"P" PART NUMBERS WHERE SHOWN

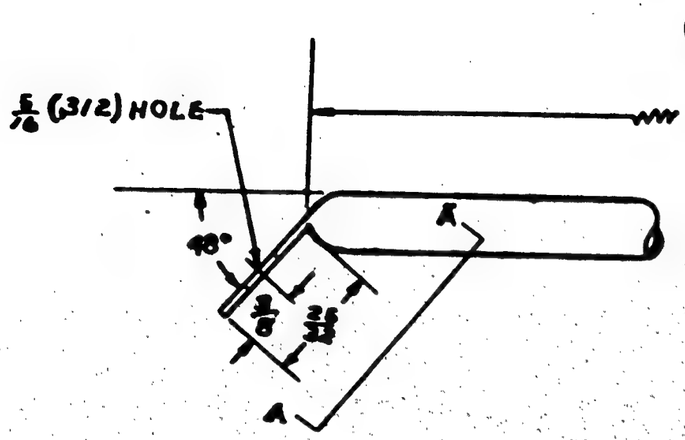
PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
PARTS LIST PER ASSY.									

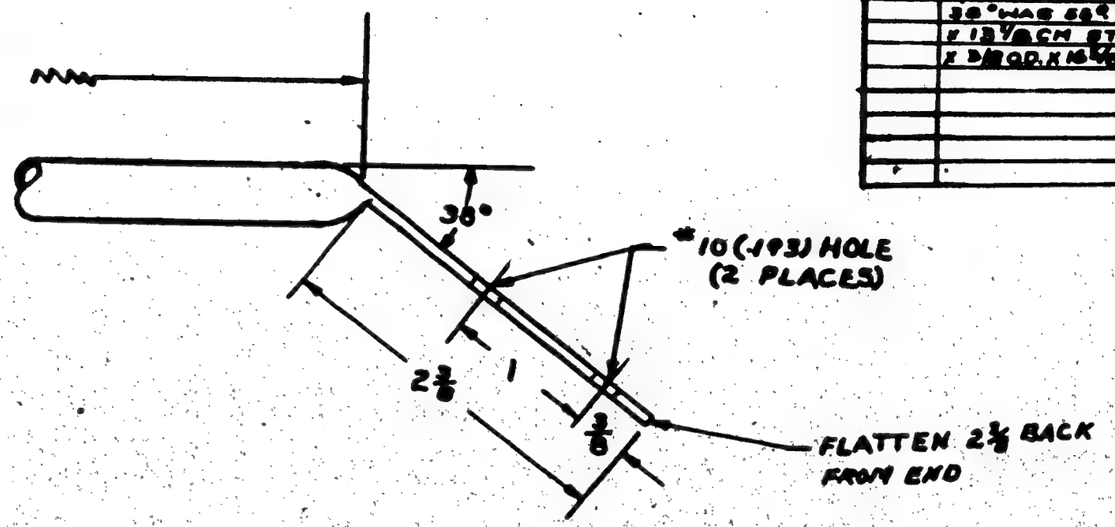
A.C.
NAVY BLUE PRINT
HEAT TREAT — FINISH — DRAFT — CHECK — STRUCT. — APPROV — ENG.

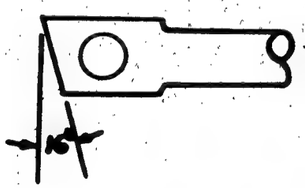
NAME IDENTIFICATION-ELEC-
CENTER WING JUNCTION.
OPP. HAND
SIZE B
28E5394
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.

R

LET	ALTERATION	DATE	BY
A	REVISED TOP VIEW ADDED VIEW A-A, WAS [illegible] WAS 2 1/2 (.67) "FLATTEN 2 1/8 BACK FROM END" WAS 3 1/2, 10 (.193) HOLES (2) WAS 12 (.18) 1/32 DIM. WAS 1/16, 48° WAS 45° 38° WAS 68° IN DIM. 036 X 1/8 O.D. X 1 3/8 INCH STEEL TUBE WAS 035 X 1 INCH O.D. X 16 1/8 INCH STEEL TUBE. (MT. ENG. NFG)	5-3-43	HUNTER







VIEW A-A

C-91676-#3465 ON

PBY-5 28E5396 1

MODEL	NEXT ASSY.	USED
REQUIREMENTS PER AIRPLANE		

REPLACED E.O. A97440 .16 ENG. REV.

REPLACED BY ASS. REV.

SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

.036 X 1 ODX1 C.M.S.T.I. [illegible]

PART No.	STOCK	MATERIAL	SPEC.
PARTS LIST PER ASSY.			

LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-0		-2		-3		-4		-5	

AC		MOE	Gerrish
NAVY NONE	C	1-29-43	2-5-43
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / MAT. / APPROV. / ENG.

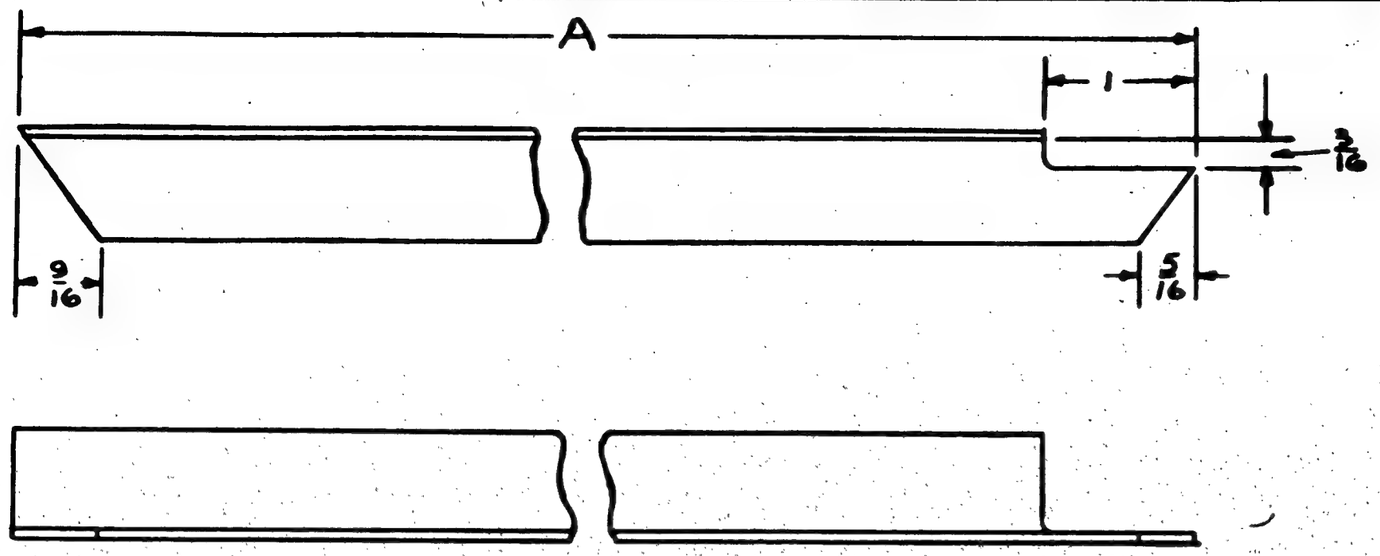
NAME BRACE-OUTLET DUCT

OPP. HAND

LAWRENCE AUX. POWER PLANT

CONSOLIDATED AIRCRAFT CORP. [illegible]

SIZE B DWG. NO. 28E5396



LET.	ALTERATION	DATE	BY

DASH NO.	DIM A	CALC. WT
-6	9 1/8	.07
-7	10 5/16	.08

M.C. A89-20

-7	PBY-5	28E5387	1
-6	PBY-5	28E5387	1
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ'D

REQUIREMENTS PER AIRPLANE

REPLACES	USED Calc. WT.
REPLACED BY	Act. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 13"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-7	YRABSTX10 3/16												
-6	YRABSTX9 1/4												
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		HARDNESS	LINK				
NAVY NONE	ZP-6P	1-7-43		"		1-24-43	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG

APPROVED FOR TOOLING BY
C.B. Hennessy 1-25-43

NAME BRACE-ELECTRIC-AFT OIL DRIP PAN-A.P.U.

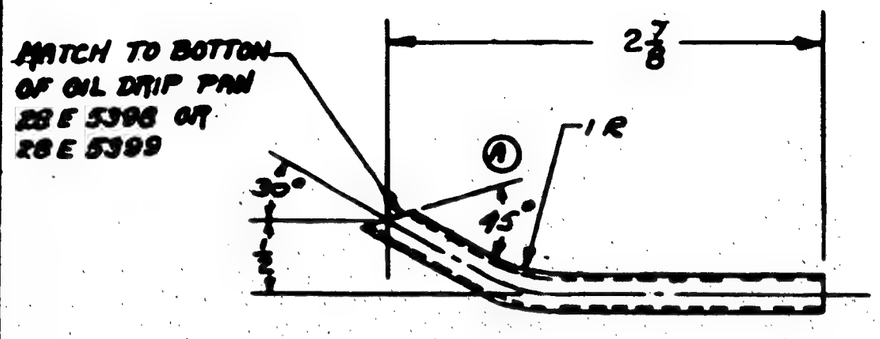
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

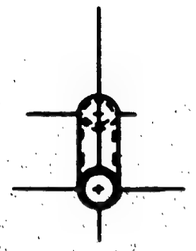
OPP. HAND

DWG. SIZE B 28E5401

R

LET.	ALTERATION	DATE	BY
A	ADDED 45° DIMENSION	[illegible]	[illegible]





M.C.R. #89-28

ASSY. SASH No.	MODEL	NEXT ASSY.	REQ.
	P2Y-S	28E5399	1
	P2Y-S	28E5398	1

REQUIREMENTS PER AIRPLANE

REPLACES	.08 # CALC. WT.
REPLACED BY	ACT. WT.
UNLESS OTHERWISE SPECIFIED DIMENSIONS APPROVED ± 1/32 ± 1°	SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.035 [illegible]	[illegible]	[illegible]										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		APPROVED	[illegible]	[illegible]		[illegible]	[illegible]
NAVY NONE	ZP-GP	1-[illegible]		[illegible]	11	[illegible]	1-25-43
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME TUBE-ELECTRIC-OIL DRIP PAN-A.P.U.

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

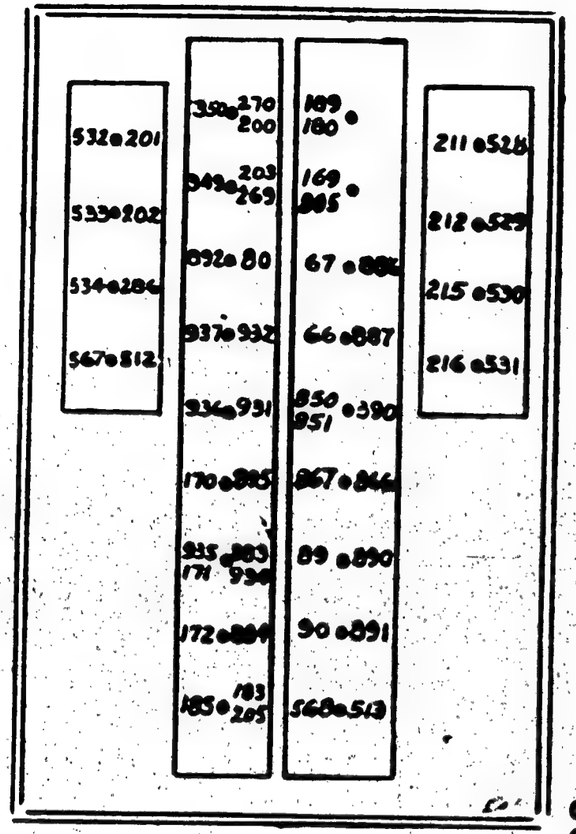
REV. B SIZE

28E5403

V. Benning changes (R)
APPROVED FOR TOOLING BY
P.R. Humphreys 1-25-43

R

LET	ALTERATION	DATE	BY
A	ON PAGE OF DWG. 28E4037 WAS REVISED		
	ADD DWG NOS ETC. ADD C NOS. ETC		
	MAKE SAT. ETC. REVISED SHEET		
	NO. (-6) FROM REQ. PER AIRP.		
	BLOCK. NO WT. CHG.	5-8-45	



C. NOS 13595 (ALL)
C. 91076346 & ON
PER PLR 15625

NOTE

CUT OUT & CEMENT TO
INSIDE OF POWER JUNCTION
BOX COVER 28E4037 (REF.)

APPROVED FOR

TOOLING BY
V. Green 2-2-45

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28E4037	1
	PBY-5	28E4037	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

LIGHT ON DRAWINGS UNLESS OTHERWISE SPECIFIED — SCALE

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		2/1/45	
NAVY		HLAVKA	
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT / MAT. / APPROV. / ENG.

NAME IDENTIFICATION-ELEC... JUNCTION BOX TERM.

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

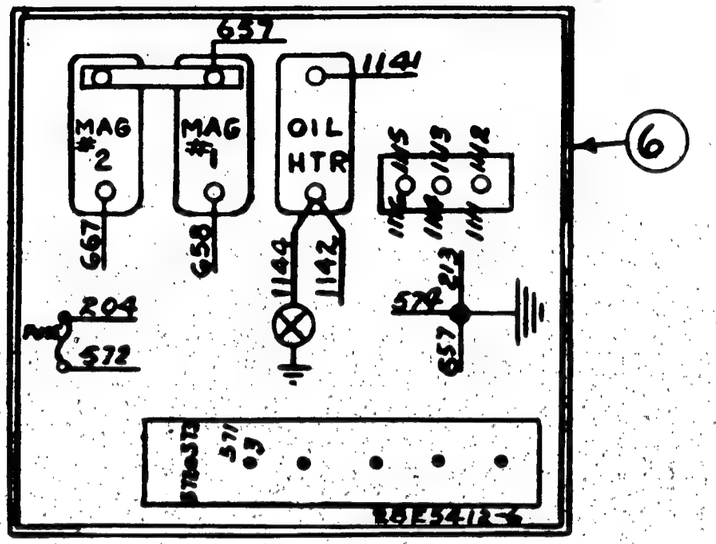
OFF. HAND

SIZE B — 28E5409

R

MCR 23R3

LET	ALTERATION	DATE	BY
A	REMOVED WIRES #707 & 708 WT. CHG. NEG.	7-9-43	



6

NOTE
CUT OUT AND CEMENT TO INSIDE OF BOX COVER 28E5140 (REF.)

C.91876 #346 & ON

APPROVED FOR TOOLING BY V. Brown 3-5-43

ASSY DASH No.	MODEL	NEXT ASSY.	DASH No.
-6	PBY-5	28E5140	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC WT.

REPLACED BY — ACT WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + − | SCALE —

STAMP PART NUMBER WHERE SHOWN

PART No	STOCK	MATERIAL	SPEC	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		HLAVIN					
NAVY —	—	3-5-43					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG

NAME IDENTIFICATION — ELEC. AUX. POWER CONTROL

OPP. HAND —

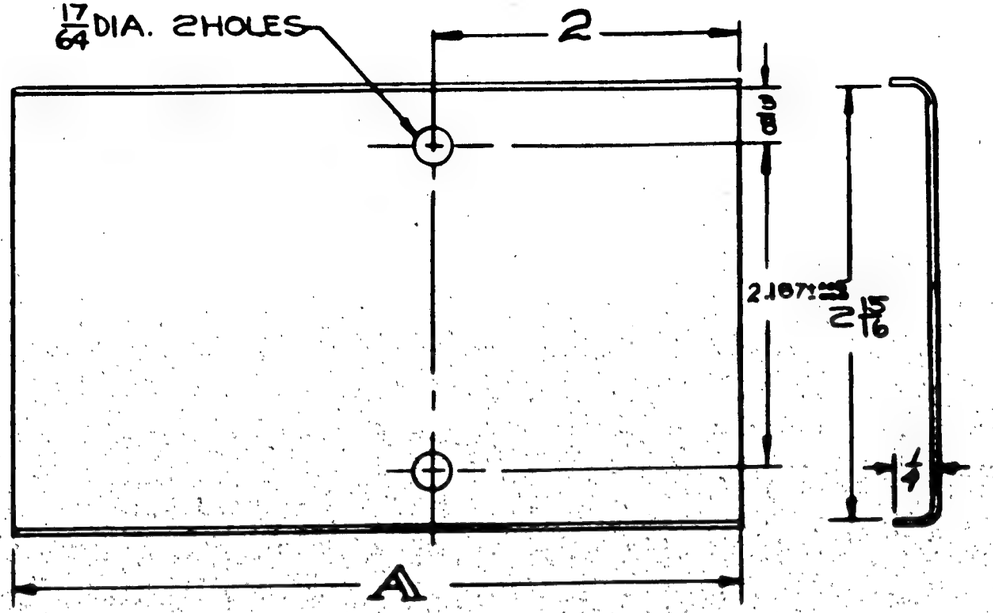
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF

SIZE B — DWG. 28E5412

R

LET	ALTERATION	DATE	BY

28E5415



DASH	A
-6	7
-7	4 3/4

BEND RADII: 1/8

MCR196 {C *91876 #9/4 ON
{C #91876 #1-90

APPROVED FOR TOOLING BY FRUE 7-21-43

ASSY DASH NO	MODEL	NEXT ASSY.	QUAN.
-7	PBY-5	28E5090	1
-6	PBY-5	28E5090	1

REQUIREMENTS PER AIRPLANE

REPLACES

REPLACED BY

ACT WT.

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH RH REQ. -0	LH RH REQ. -2	LH RH REQ. -3	LH RH REQ. -4	LH RH REQ. -5
-7	.051 X 3 5/8 X 4 7/8	ALCLAD	QQ-A-362-3					
-6	.051 X 3 5/8 X 7 7/8	ALCLAD	QQ-A-362-3					

PARTS LIST PER ASSY.

AC

NAVY NONE

HEAT TREAT

Z-P-QP

FINISH

DRAFT 4-13-43

CHECK 8743

STRUCT.

MAT

APPROV.

ENG

NAME BRACKET-ELEC-A.P.U. STRAINER

OPP. HAND

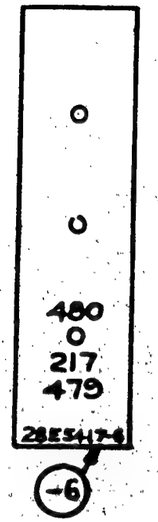
DWG. B SIZE 28E5415

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF

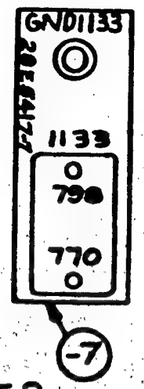
R

LET	ALTERATION	DATE	BY
A	REMOVED FROM -6 WIRE NO. 768		
	CAR. 787 WT. CHG. NEG.	7-2-43	

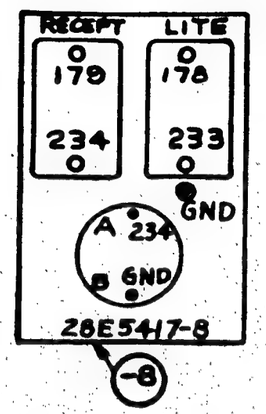
MCR 2383
6178m-3



NOTE 1
SHELLAC TO LEFT SIDE OF 28E5388-8 BOX & COVER WITH SHELLAC



NOTE 2
SHELLAC TO BOTTOM OF 28E5388-8 BOX & COVER WITH SHELLAC



NOTE 3
SHELLAC TO INSIDE OF 28E5388-9 COVER & COVER WITH SHELLAC

PARTS MAY BE EITHER:
1. BLUE PRINT CUTOUT, OR
2. DECALCOMANIA, BLACK LINES ON WHITE A.A.F. SPEC. 14118, WATER SLIP-OFF TYPE (MAY BE PURCHASED FROM DUROCHROME CO, LOS ANGELES, CALIF., TYPE K OR EQUIV.) PART NO. TO BE PRINTED ON REVERSE SIDE OF PAPER BACKING. LETTERING TO BE $\frac{1}{8}$ INCH HIGH.

APPROVED FOR TOOLING BY HOWARSH 5-20-43

C. 91876 #431 & ON

C. NO 2 (S) 464

-6	PBY-5	28E5387	/
-7	PBY-5	28E5387	/
-6	PBY-5	28E5387	/
-8	PBY-5A	28E5387	/
-7	PBY-5A	28E5387	/
-6	PBY-5A	28E5387	/
SERIAL NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES — Spec. Wt.

REPLACED BY — Act. Wt.

SCALE 12"1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
28E5417	-6												
	-7												
	-8												

AC		5-1-43	Moore
NAVY		JOHNSON	Smith
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / MAT. / APPROV. / ENG.

NAME IDENTIFICATION STRIP-ELEC.-TAIL ANTI-ICER SW. BOX

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

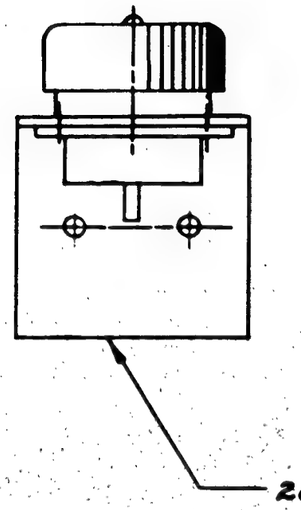
OPP. HAND

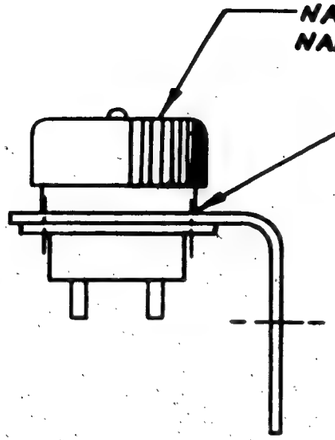
DWG. B

28E5417

B

M.C.R.	LET	ALTERATION	DATE	BY
248-5	A	CREATED -2 ASS'Y FOR MCR 248		
		-5 SAME AS -0 ASS'Y EXCEPT		
		NAF1077-12 (1) IS FOR -0 ASS'Y &		
		NAF 1077-2 IS FOR -2 ASS'Y		
		NEXT ASS'Y FOR -2 ASS'Y IS		
		28RSRC1 (1) NOT CHG. ON 1536	6-1-43	RYMAN





MCR-248-5 -2 PBY5A 28E5421 1
M.C.R. -0 PBY5 28B9125 2
256-2 -0 PBY5A 28B9125 2

ASS'Y. DASH NO.	MODEL	NEXT ASSY.	QUAN.

REQUIREMENTS PER AIRPLANE

REPLACES: (STAMP DASH NO. HERE)

REPLACED BY: ACT. QTY.

LIST ON DUPLICATING STENCIL OTHERWISE SPECIFIED: SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
NAF1077-2						1							
NAE1077-12				1									
Q7102AL4				3		3							
AC365-440				3		3							
AN515-4-6				3		3							
28E5424				1		1							

PARTS LIST PER ASSY. J. K. Hawley

AC		7-7-43		
NAVY ——	——	FEDERAL		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT. MAT. APPROV. ENG.

NAME RECEPTACLE ASS'Y - MK IX GUN SIGHT

OPP. HAND ——

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B

28E5423

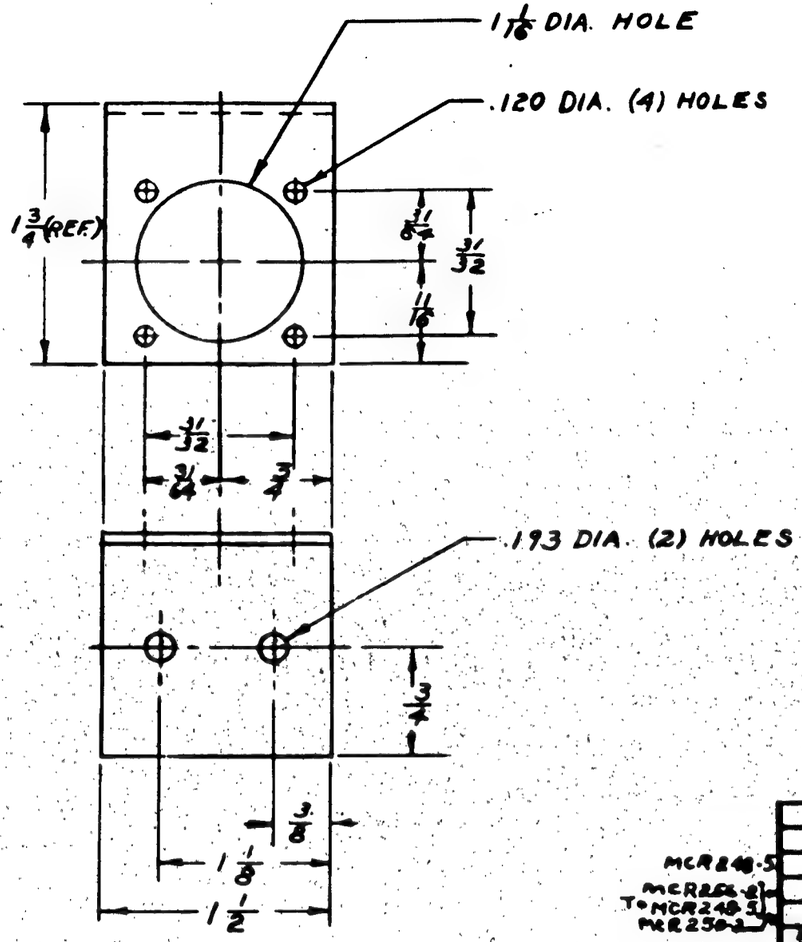
APPROVED FOR TOOLING BY TRUE 7-21-43

R

LET	ALTERATION	DATE	BY
A	IN REQT'S. PER AIRPLANE INCREASED		
	REQT'S FOR PBY5A N.A. 28E5423		
	FROM (2) TO (3) PER MCR 248-5 WT CHG. ORD		

MCR. 248-5

28E5424



APPROVED FOR TOOLING BY Jane 7/21-43

MCR 248-5
MCR 248-2
MCR 248-3
MCR 250-2

	MODEL	PART ASSY.	REQ'D
	PBY5A	28E5423	3
	PBY5A	28E5423	2
	PBY5	28E5423	2

REQUIREMENTS PER AIRPLANE

REPLACES .0299 Gage Qty.

REPLACED BY Assy. Qty.

SCALE 12"-1'-0"

STAMP GAGE NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH RH REQ.	LH RH REQ.	LH RH REQ.	LH RH REQ.	LH RH REQ.
	MAKE FROM Y-5A-123T							
PARTS LIST PER ASSY.				-0-	-2	-3	-4	-5

AC	Moore 7-6-43						
NAVY	Z-P-GP	POKORNY 7-7-43					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRACKET - MK IX GUN SIGHT RECEPTACLE

OPP. HAND

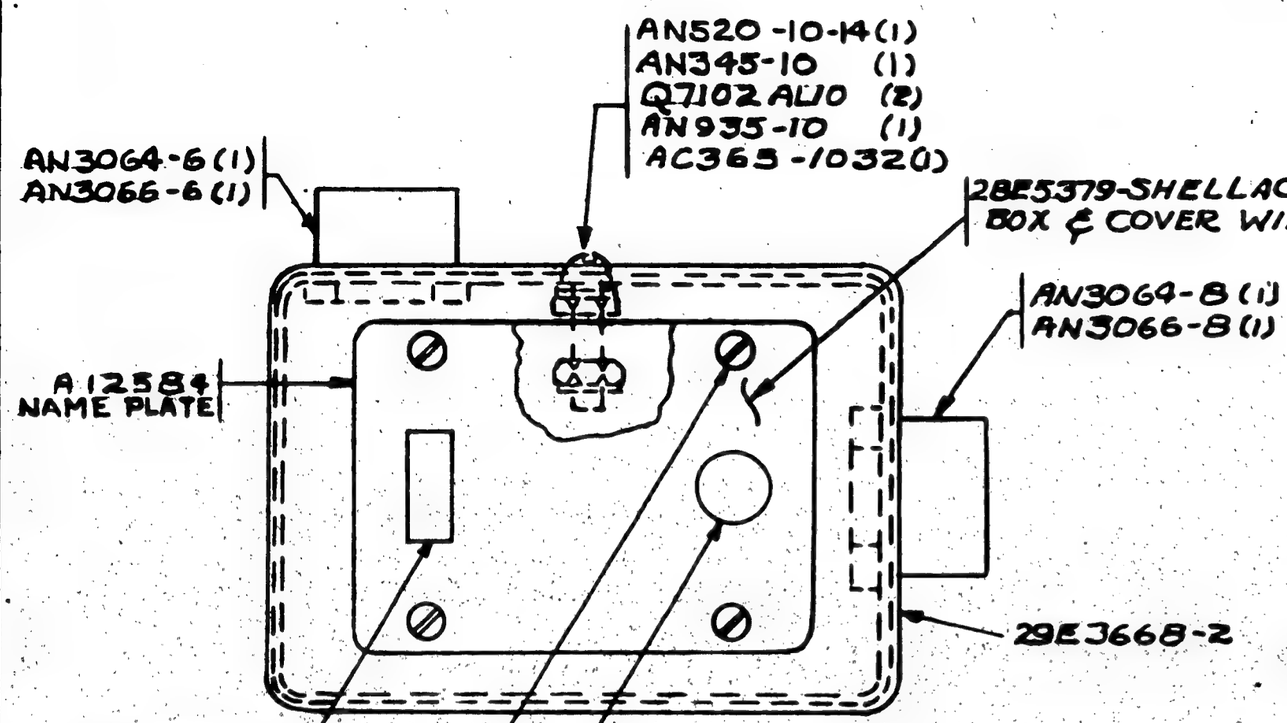
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28E5424

R

LET	ALTERATION	DATE	BY
A	IN B/M AFTER 28E5379 NOTE (FOR PBY-5 & PBY-5A ONLY)" WAS (FOR PBY-5 ONLY)". NO WT. CHG.	10-1-43	CRITZ

28E5436



*151 & ON C.*NO.(3)F64 C.91876 (91 & ON

APPROVED FOR TOOLING BY
Jrue 8/18-43

NOTE.
CVAC #WIP-7-18 MAY BE PURCHASED FROM MARQUETTE METAL PRODUCTS CO, CLEVELAND, OHIO
CVAC #WIP-7-20 MAY BE PURCHASED FROM SPENCER THERMOSTAT CO., ATTLEBORO, MASS.
CVAC #WIP-7-21 MAY BE PURCHED FROM CUTLER-HAMMER, INC., MILWAUKEE, WIS

ASSY. SALES NO.	MODEL	NEXT ASSY	REQ.
	PBY-5B	28F5478	1
	PBY-5A	28F5478	1
	PBY-5	28F5478	1

REQUIREMENTS PER AIRPLANE

REPLACES 29E3669-2 — GROSS WT. .657

REPLACED BY — ASY. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
Q7102-AL10				2									
AN3066-8				1									
AN3066-6				1									
AN3064-8				1									
AN3064-6				1									
AN935-10				1									
AN520-10-14				1									
AN515-8-7				4									
AN345-10				1									
CVAC #WIP-7-20 KLIXON #C-6	363-2-15		CIR. BRKR.	1									
CVAC #WIP-7-21 SWITCH-CUTLER-HAMMER	8200 KS			1									
CVAC #WIP-7-18 NAME PLATE	A12584		MARQUETTE	1									
AC-365-1032				1									
AC-365-832				2									
28E5379	(FOR PBY-5 & 5A ONLY)			1									
29E3668-2				1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		COLLINS	
NAVY NONE	NONE	8-9-43	
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / MAT. / APPROV. / ENG.

NAME BOX ASSEM.- WINDSHIELD WIPER CONTROL

OPP. HAND NONE

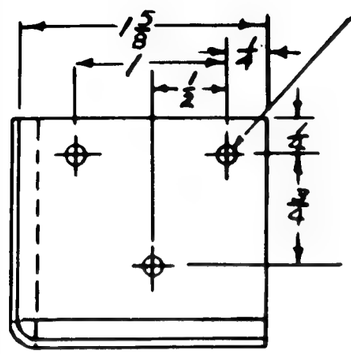
CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

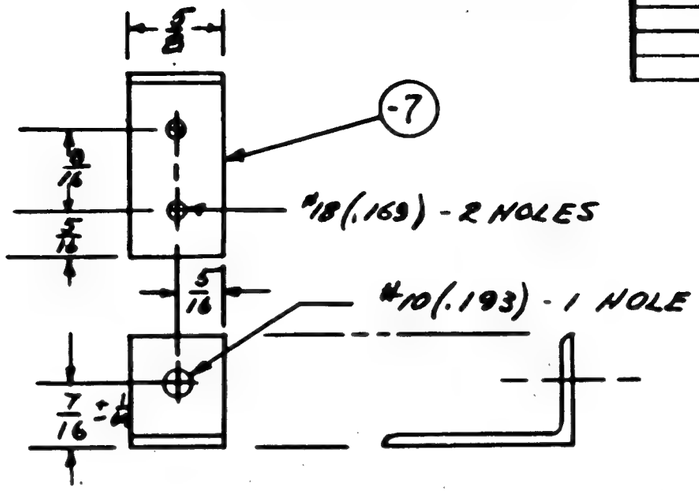
DWG. B SIZE 28E5436

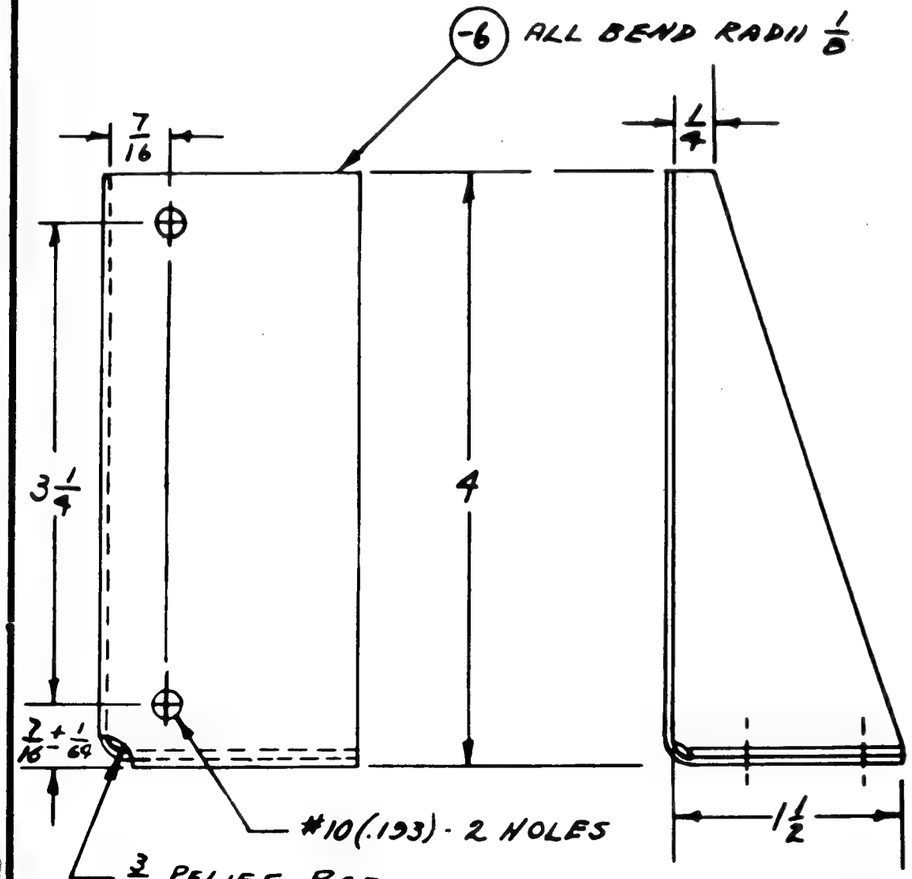
R.

LET	ALTERATION	DATE	BY

28E5571







ASSY DASH NO	MODEL	NEXT ASSY.	QTY.
-7	28-5-ME	28E5526	1
-6	28-5-ME	28E5526	1

REQUIREMENTS PER AIRPLANE

REPLACES

REPLACED BY

.06 CALC. WT.

ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
-7	K 13689 x 3/4	24ST EXT	96A9-T									1	
-6	.040 x 3 1/2 x 6	24ST ALC SHT	97A8-T										1

PARTS LIST PER ASSY.

AC

NAVY NONE

HEAT TREAT

P-AP

FINISH

Kellogg 8/1/40 DRAFT

8/1/40 CHECK

STRUCT

8/1/40 MAT

APPROV

ENG

OPP HAND NONE

NAME BRACKETS - ELEC - REVERSE CURRENT RELAY SUPPORT

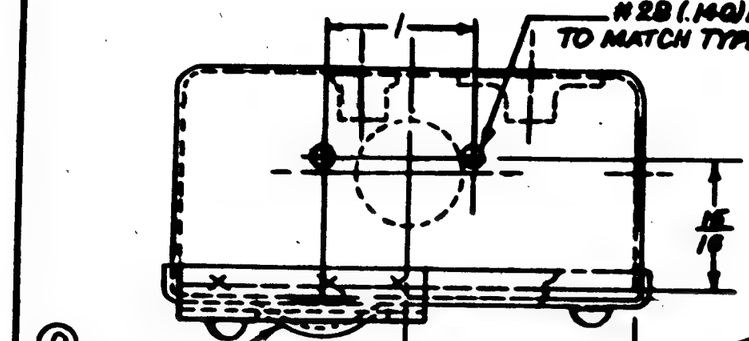
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

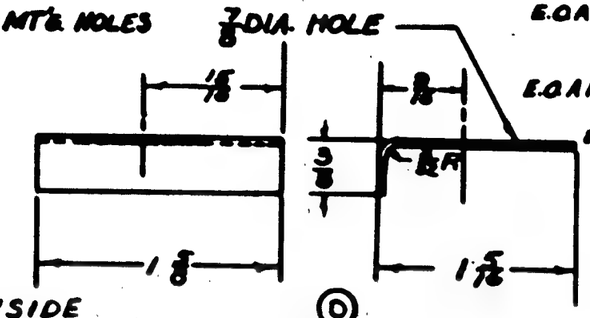
DWG B SIZE

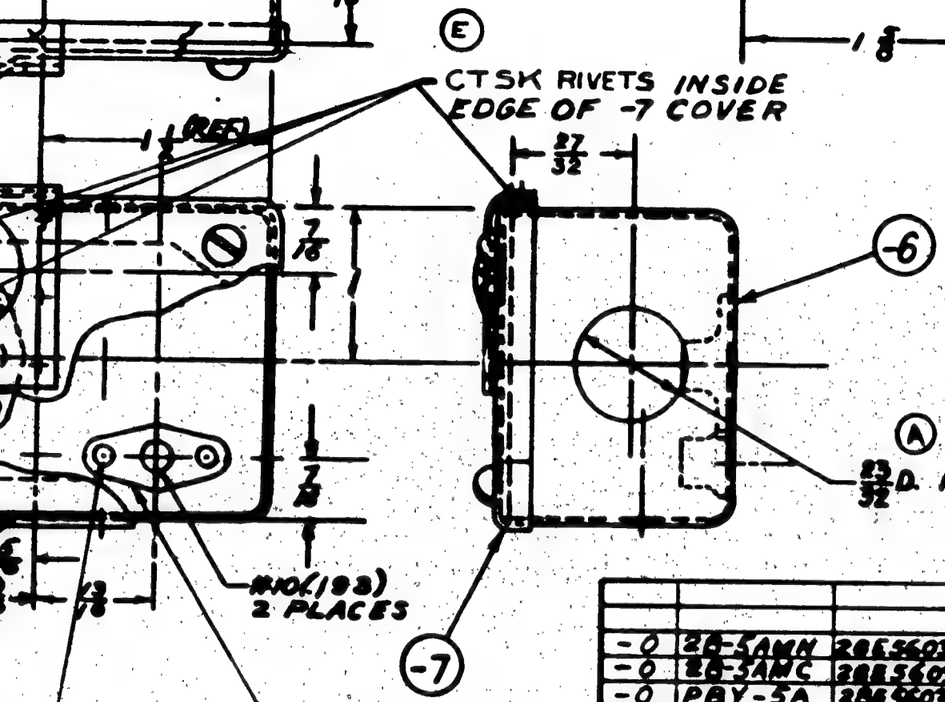
28E5571

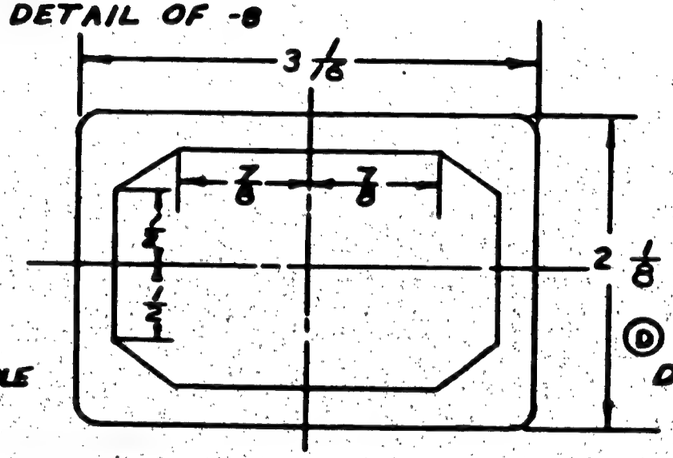
R

LET	ALTERATION	DATE	BY
A	ADDED Ø1/32 HOLE IN BOX		
	RELOCATED Ø3/32 (1) & #28 (2)	4-15-43	ALM
B	ADDED AC366DF1032(2) AN425AD3		
	NOTE "DRILL--HOLES A & B LOCATN."		
	NO WT. CHG.	4-[illegible]-43	[illegible]
C	RELOCATED 23/32 HOLE WAS ON END		
	OF BOX) NET WT. CHG.	4-[illegible]-43	[illegible]
D	ADDED -11 SUB ASSY (-2 & AC366AD2)		
	(3 DETAILS -8 I -10, NET WT. CHG.	[illegible]	[illegible]
E	CTSK RIVET WAS FLUSH.		
	ADDED ARROWS TO INDICATE		
	ADDITIONAL CTSK RIVETS. NO WT CHG	7-5-43	BARNUM









NOTES
P&N# 1028. P&N# 1028-11-7 COVER)-OR EQ.- TO BE FURN. WITH NON-LOSEABLE SCREWS.
REMOVE FINISH 3/32 RADIALLY AROUND 23/32 DIA. HOLES.
-10 NEOPRENE. CUT OUT CENTER AS SHOWN.
PUNCH (4) HOLES IN -10 TO MATCH MTG HOLES IN -7.
-9 TO BE COATED ON BOTH SIDES WITH VOCALOC AND FASTENED BETWEEN -7 & -8 AS SHOWN WITH AN442AD2 RIVETS.

-0	28-5AMN	28E5602	1
-0	28-3AMC	28E5603	1
-0	PBY-5A	28E5603	1

ARDC ORDER No. | MODEL | NEXT ASSY. | USED ON

REQUIREMENTS PER AIRPLANE

REPLACES | .13 GMA. WT.

REPLACED BY | ASY. WT.

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 | SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
AN442AD2													
-10	8SN x 2 1/8 x 3 1/16	NEOPRENE						1	1				
-9	.031 x [illegible] x 1 5/8	NEOPRENE						1	1				
-8	.032 x [illegible] x 1 5/8	ALCLAD	47A-10T					1	1				
-7	P&N# 1028-1	CLOSE-FIT COVER						1	1				
-11 SUB-ASSY													
AN525AD3													
AC366DF1032													
-11	SUB-ASSY							2	1				
-6	P&N# 1028							1	1				

PARTS LIST PER ASSY.

AC		Mfgr	Bracket
NAVY NONE	P-AP	Inspector	Inspector
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / MAT / APPROV. / ENG

NAME SWITCH BOX - ELEC. LATCH-NOSE WHEEL

OPP. HAND NONE

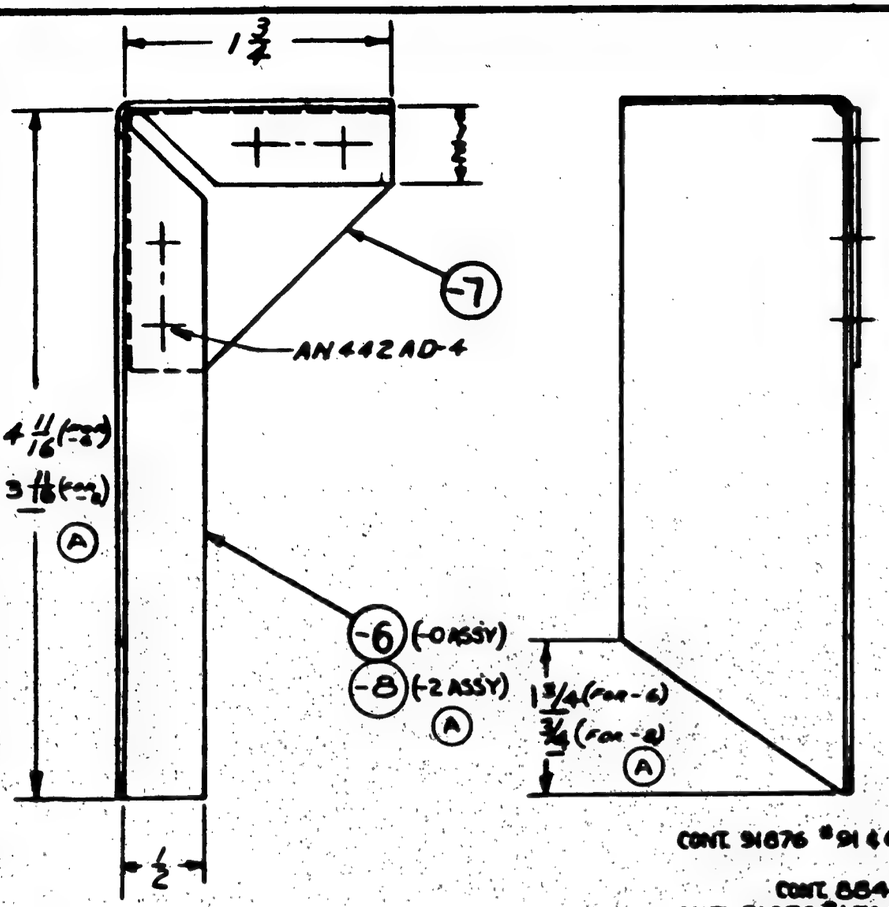
CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

SIZE B | DWG. 28E5602

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

28E5602

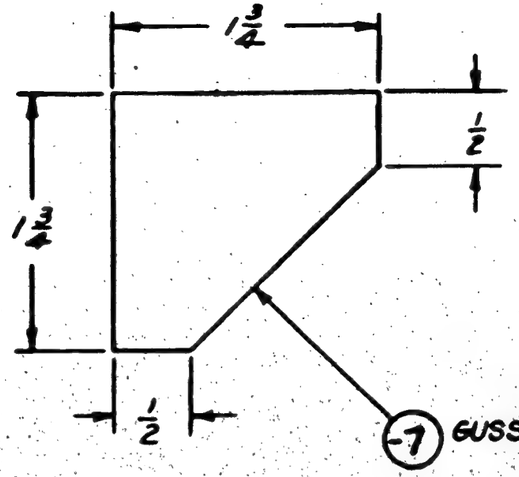
R



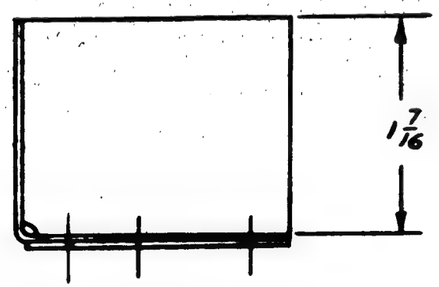
BEND & RELIEF RADII - 1/8 E.O. 41284

LET	ALTERATION	DATE	BY
A	CREATED -2 ASSY & REVISED REQ. PER AIRPLANE BLOCK WT. CNG. NTC.	8-23-42	

THIS DWG. WAS MADE FROM E.O. 29763 WHICH HAS BEEN INCORPORATED IN DWG. 28E1218



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE



CONT. 31876 #91 & ON
CONT. 88476
CONT. 31876 #1 TO 90

PLANNING HAS BEEN MADE IN F.A. FOR SHIPS DEL.

ASSY. BASH NO.	MODEL	NEXT ASSY.	REQ.
-0	28Y-5	28E1218	1
-0	28Y-5	28E1218	1
-0	28Y-5B	28E1177	2
-0	28Y-5A	28E1218-56	2
-0	28Y-5	28E1218-56	2
-0	28-5MH & MHN	28E1218-56	2 EA
-0	28-5MC & MHC	28E1218-56	2 EA
-0	28-5MA & MHE	28E1218-56	2 EA

REQUIREMENTS PER AIRPLANE

REPLACES	.02 CMG. WT.
28E1197	
REPLACED BY	ADV. WT.

SCALE	
1/32	12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
AN442AD-4													
-6	.040 x 2 1/8 x 5 5/8	AL. ALLOY	47A10-COND.T			1							
-7	.040 x 1 3/8 x 1 7/8	AL. ALLOY	47A10-COND.T			1							
-8	.040 x 2 1/8 x 6 3/8	AL. ALLOY	47A10-COND.T			1							

PARTS LIST PER ASSY.

AC		MALLORY	8-23-42	GREEN			
NAVY —	2-P-24L	8-23-42	8-24-42		8-24-42		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRACKET ASS'Y - ELECT. NAVIGATOR'S TABLE LIGHT

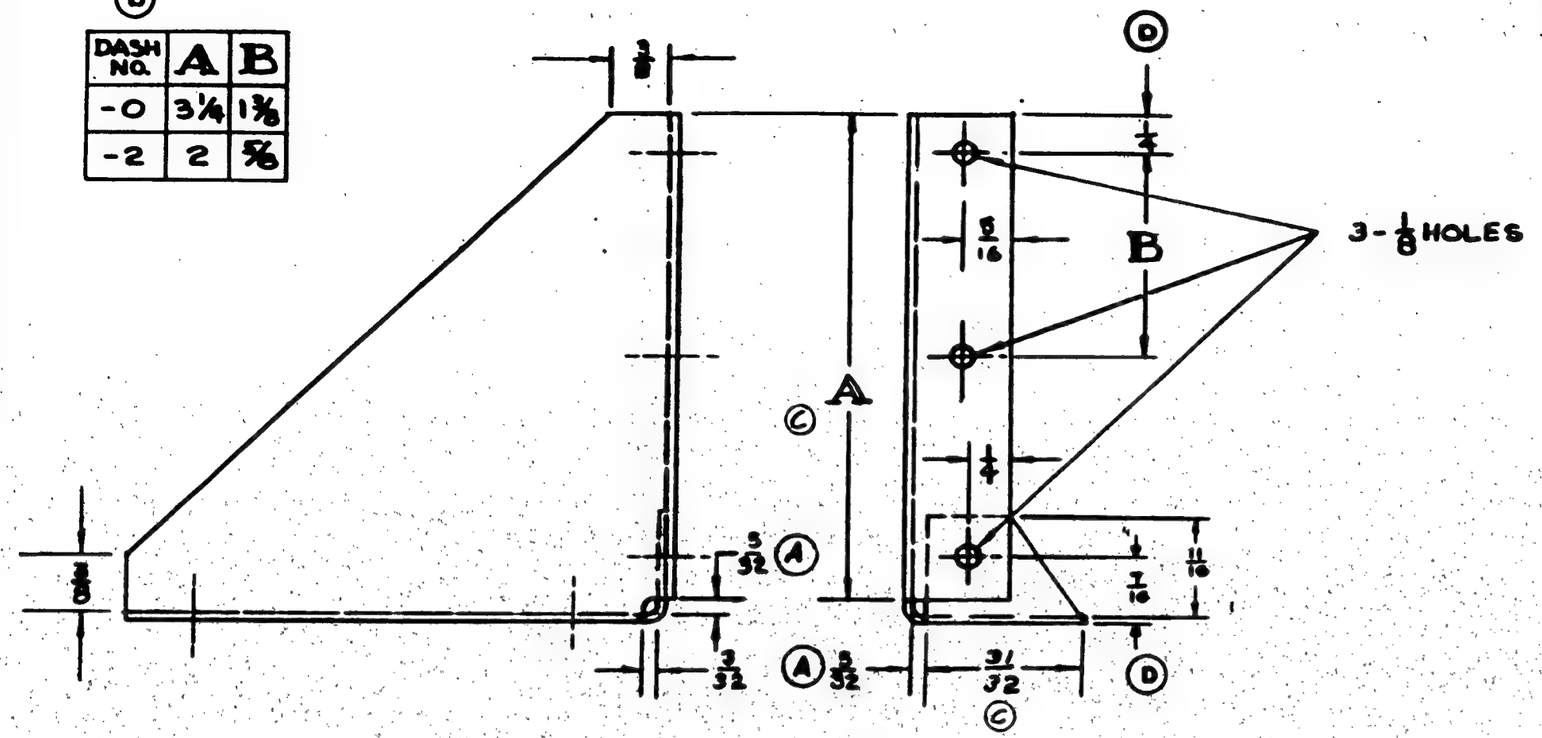
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

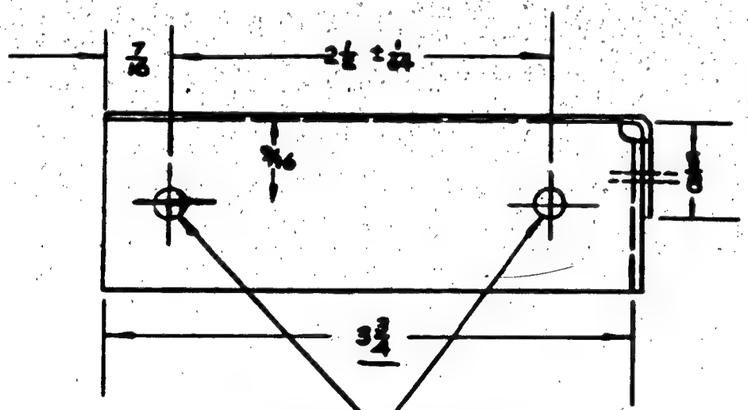
OPP. HAND NONE

DWG. SIZE B 28E5619

R

DASH NO.	A	B
-0	3¼	1⅜
-2	2	⅝





28-5-ME
E.O. 31287
28-5ME
28-5ME
E.O. A97382
PCR 126-3

LET	ALTERATION	DATE	BY
A	5/32 WAS 3/32	2-8-41	
B	CHANGED DIM 3½ TO 3 3/4 &	2-24-41	
	#5 (.205) TO #10 (.193)		
C	CHANGED 3 3/16 TO 3 1/8 & 1 3/32 TO 31/32	4-27-43	
D	CREATED -2; ADDED 1/8 & 7/16 DIM'S. & DIM. BLOCK. WT. CHG. NEG.	9-23-43	

NOTE:
ALL BEND RADII 3/32

FINISH - P-27 PRIMER

THIS HAS BEEN MADE FOR FIRST SHIP

C.D1878
28 AH-2
NCR 150-2

ASSY. DASH NO.	MODEL	NEXT ASSY.	NOS
-2	PBY-5	28F1005	1
-0	28-5MA	28E5536	1
-0	PBY-5B	28E5685	1
-0	28-5ME	28E5536	1

REQUIREMENTS PER AIRPLANE

REPLACES — .03 CALC. WT.

REPLACED BY — ACT. WT.

LIGHT ON DIMENSIONS UNLESS OTHERWISE SHOWN: ±Y32 & NOTED

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC
-2	.040 x 4½ x 35¾	24ST ALC.	47A8-T
-0	.040 x 4½ x 5	24ST. ALC.	47A8-T

PARTS LIST PER ASSY.

LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-0		-2		-3		-4		-5	

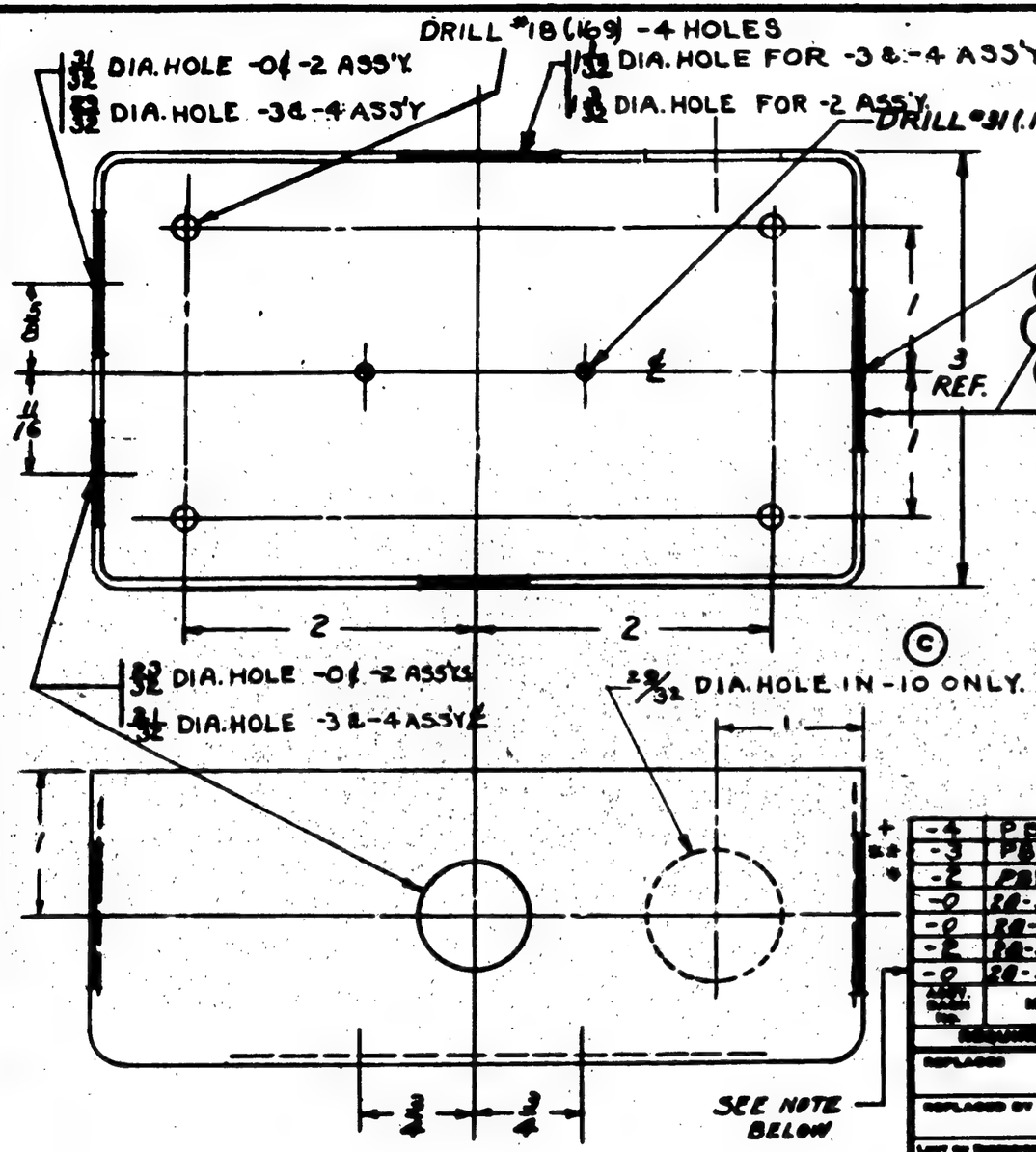
AC		DESIGN RELEASED	
NAVY NONE	P	11-26-40	
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / MAT / APPROV / ENG

NAME BRACKET-ELEC.-SWITCH BOMBER'S STEERING IND.

OPP HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE — 28E5623



LET	ALTERATION	DATE	BY
A	ADDED -6 FOR -2 ASS'Y. NO WT. CHG.	4-4-42	[illegible]
B	ADDED -7 FOR -3 ASS'Y. NO WT. CHG.	4-4-42	[illegible]
C	CREATED -4 ASS'Y.		
	(NEG. WT. CHG.)	4-17-42	COLLINS

E.O. A16280
E.O. A20047
E.O. A41743

NOTES:
1. POULSEN & NARDON BOX 1195-200N TO BE SUPPLIED WITH TIGHT FITTING COVER & NON-LOSABLE SCREWS
2. FINISH INSIDE, "P"
   FINISH OUTSIDE, "P.A.P."
   REMOVE FINISH 3/32 RADIALLY AROUND HOLES

FINISH CODE	
Z	ANODIC TREATMENT
P	P.27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

-4	PBY-5A	28E5637	1
-3	PBY-5	28E5637	1
-2	PBY-5A	28E5637	1
-0	28-5ME	28E5637-6	1
-0	28-5MA	28E5637-6	1
-2	28-5MK	28E5637-6	1
-0	28-5MK	28E5637-6	1

ASSY. SECTION NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES		SHIP. WT.
REPLACED BY		ASY. WT.
LIMIT ON STANDARD TOLERANCE DIMENSIONS	SCALE	
± 1/32"	12" = 1'0"	

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH RH REQ. -0	LH RH REQ. -2	LH RH REQ. -3	LH RH REQ. -4	LH RH REQ. -5
-10	P&N #1195-200N					1		
-5	P&N #1195-200N				1			
-8	P&N #1195-200N			1			1	
-7	P&N 1195-3SD	SEE NOTE		1	1	1		
-6	P&N 1195-200N			1				

PARTS LIST PER ASSY.

AC								H GALE
NAVY NONE	NOTED		2-28-42 Boohar					GC
HEAT TREAT	FINISH		DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG

NAME BOX-ELEC.-
RADIOMAN'S HEATER JUNCTION

OPP. HAND NONE

SIZE B | DWG. 28E5633

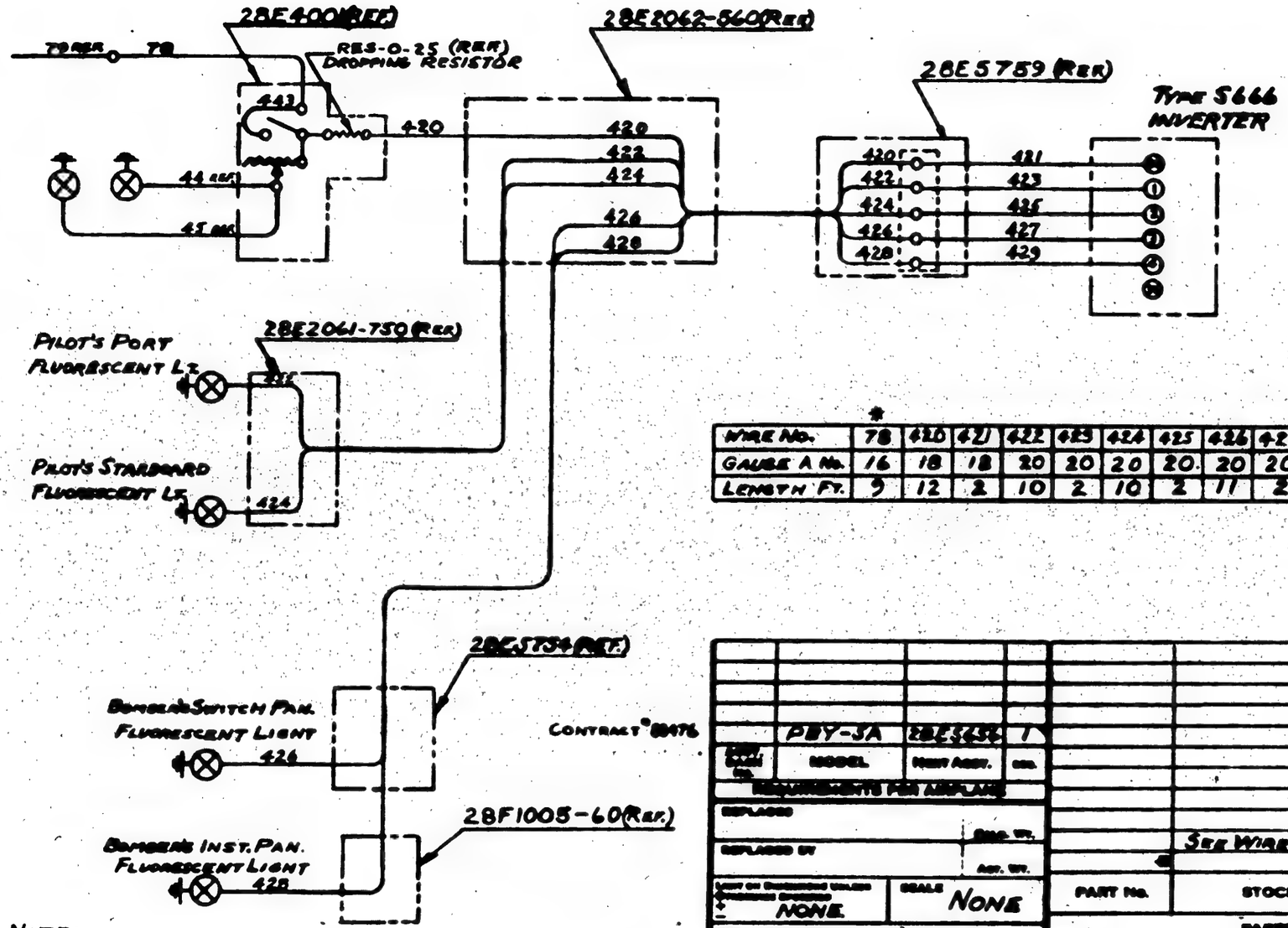
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

+ CONTRACT NO. 88476, #53 & ON.
* CONTRACT NO. 77713, 70496, 88476.
** CONTRACT NO. 91876.
NOTE: THIS DWG. PERTAINS TO MODEL 28-5ME #6 AND ON
70496, 77713, 88476, #1 TO 52

R

MCR 247

LET	ALTERATION	DATE	BY
A	ADDED RES-0-25 (REF) IN SERIES		
	WITH DC POWER LEAD TO INVERTER 4448 Mod.		



WIRE No.	*78	420	421	422	423	424	425	426	427	428	429	*443
GAUGE A.N.	16	18	18	20	20	20	20	20	20	20	20	16
LENGTH FT.	9	12	2	10	2	10	2	11	2	21	2	1

* NOTE: FOR FLUORESCENT LIGHTING, WIRE #78 A16 GAUGE 9 LONG WAS A18 GAUGE 9 LONG, #443 A16 GAUGE 1 LONG WAS A20 GAUGE 1 LONG, ON 28E5675 SHEET 1 & 2.

	PBY-5A	28E5656	1
CONTRACT No.	MODEL	MAST ASSY.	DASH

REQUIREMENTS PER AIRPLANE

REPLACED

REPLACED BY

ENG. NO.

ADV. NO.

SCALE NONE

NONE

STAMP PART NUMBER WHERE SHOWN

SEE WIRE TABLE

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		11-13-41					
NAVY NONE	NONE	E.J. MOORE		11-22-41		12-1-41	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT.	APPROV.	ENG.

NAME WIRING DIAGRAM -ELEC.- FLUORESCENT LIGHTING

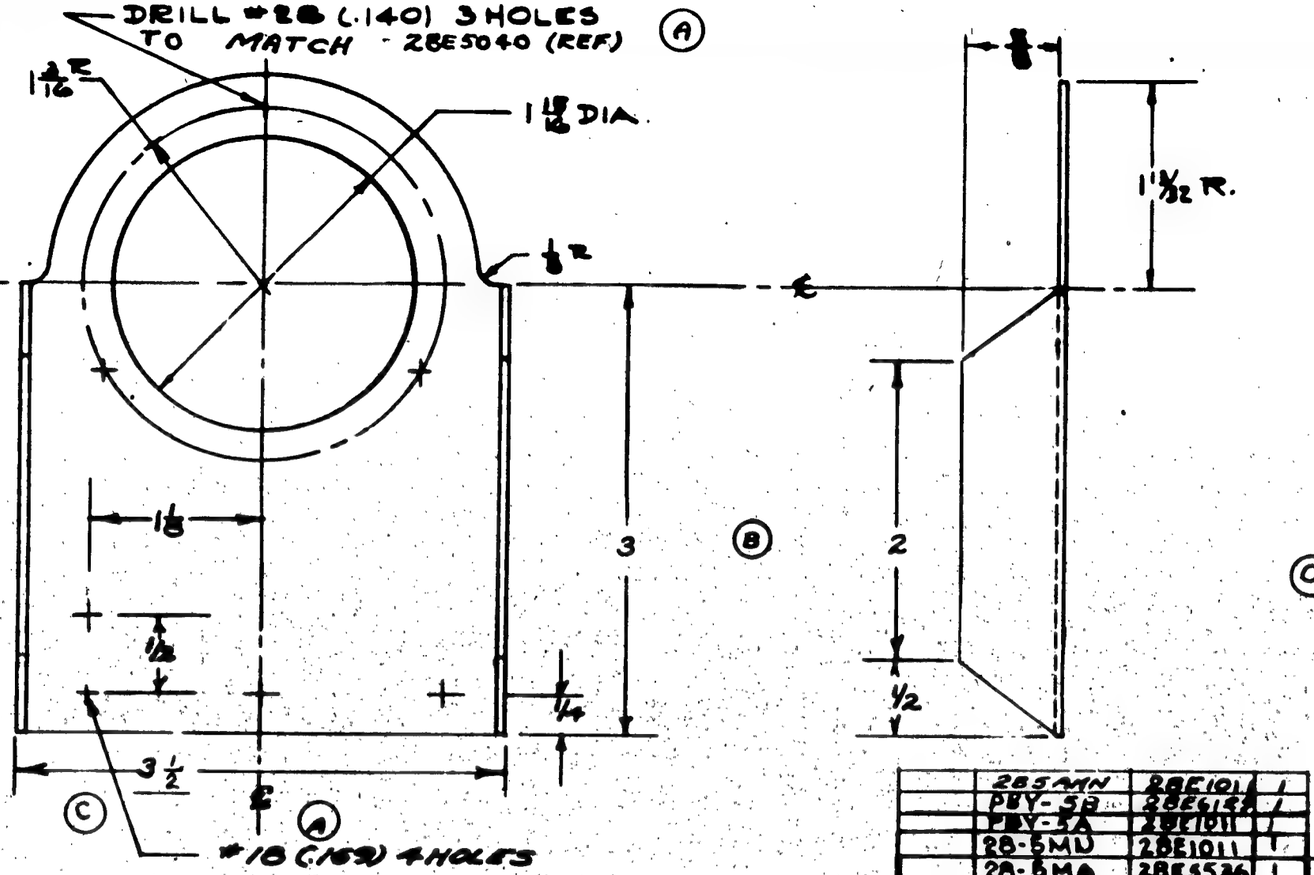
OPP. HAND NONE

SIZE B

28E5675

SHEET 2 OF 4 SHEETS

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.



LET	ALTERATION	DATE	BY
A	ADDED #18(.169) 4 HOLES	1-29-41	[illegible]
	& DRILL NOTE ADDED		
	PBY-5B REQMTS.		
B	DIM 3 MM'S 3 1/16, 2 MM'S 2 1/16 WIT.		
	CODE LETR	4-29-41	[illegible]
C	BEND RADII 1/4 WAS "BEND RADII		
	1/32" DIM 3 1/8 WAS 3 3/16 - IN B/M		
	.064 X 4 1/8 X 4 1/8 - ALCLAD QQA362		
	CONDT "WAS .064 X 4 1/8 X 4 1/8		
	AL. AL 2450-47A IO CONDA WT. ENG. NEG	10-1-41	[illegible]

ED. A37756

© NOTE - BEND RADII 1/4

SHIPS #13-ON
SHIPS #31-ON

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ'D
	28SMN	28E1011	1
	PBY-5B	28E5162	1
	PBY-5A	28E1011	1
	28-5MU	28E1011	1
	28-5MA	28E5526	1
	28-5AMC	28E1011	1
	28-5MC	28E1011	1
	28-5ME	28E5526	1
	PBY-5	28E1011	1

REQUIREMENTS PER AIRPLANE

REPLACES .28 GALC. WT.

REPLACED BY AGT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.064-4 5/8 X 4 1/8	ALCLAD	QQA362 Cond T										

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC		SPECIAL	D.F. Booher					
NAVY SR-5B		2-28-41	3-3-41					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME BRACKET - ELEC. CONDUIT INSTALLATION

OPP. HAND

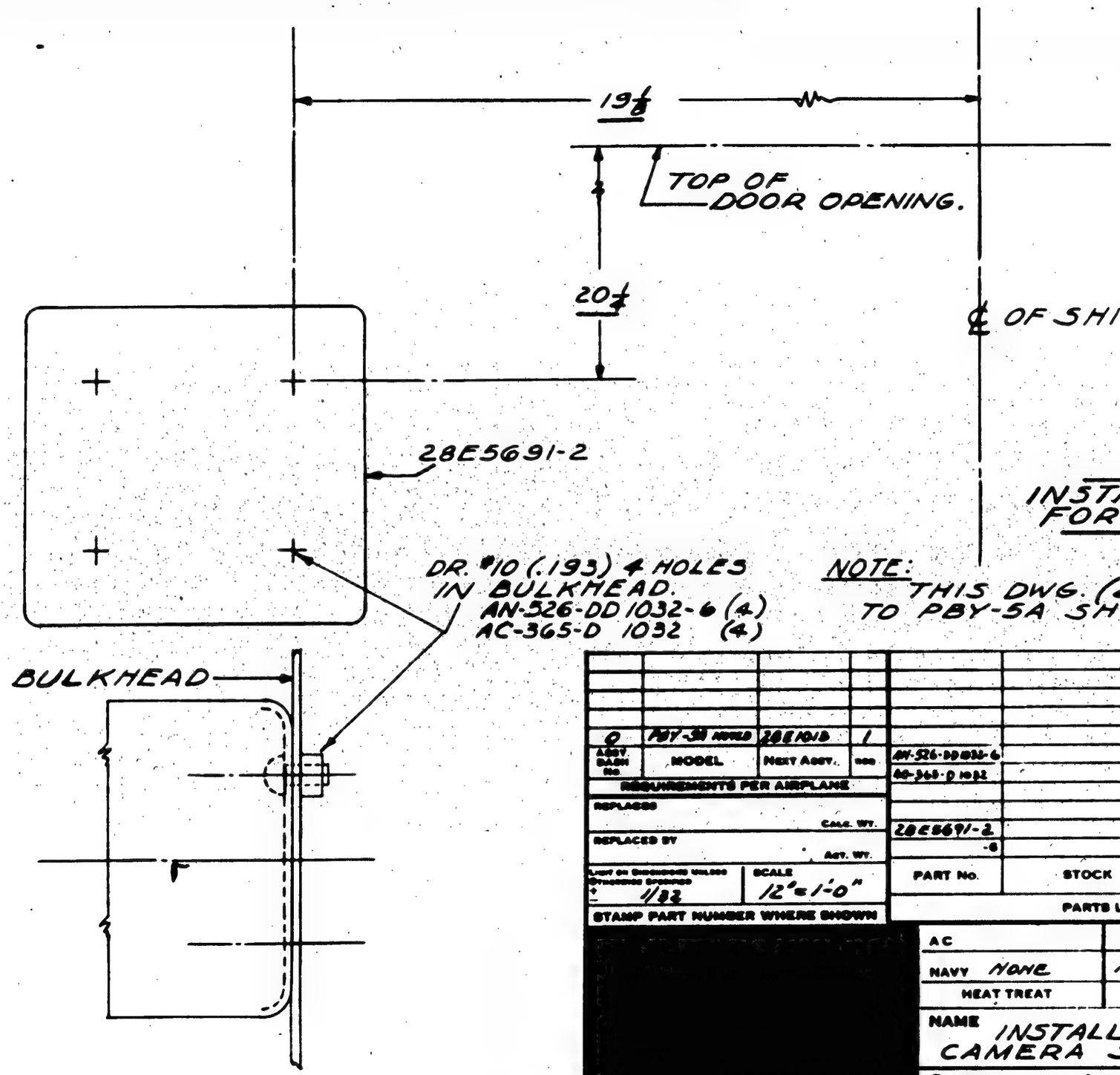
DWG. B 28E5678

SIZE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

R

LET	ALTERATION	DATE	BY



DR. #10 (.193) 4 HOLES IN BULKHEAD.
AN-526-DD 1032-6 (4)
AC-365-D 1032 (4)

INSTALLATION ON BULKHEAD #7
FORWARD SIDE LOOKING AFT.

NOTE: THIS DWG. (28E5690) IS APPLICABLE TO PBY-5A SHIPS - SERIAL NOS. 2486, 2487 & 2488.

0	PBY-5A MODEL	28E1018	1
ASSY. DASH NO.	MODEL	NEXT ASSY.	USED

REQUIREMENTS PER AIRPLANE

REPLACES — Calc. WT.

REPLACED BY — Act. WT.

± 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH RH REQ. -0	LH RH REQ. -2	LH RH REQ. -3	LH RH REQ. -4	LH RH REQ. -5
AN-526-DD1032-6				4				
AC-365-D 1032				4				
28E5691-2 -6				1				

PARTS LIST PER ASSY.

AC		GALINSKI	Booher		BMN		APPROVED	
NAVY NONE	NOTED ON DETAIL	2/20/41	2-24-41		LCC			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG	

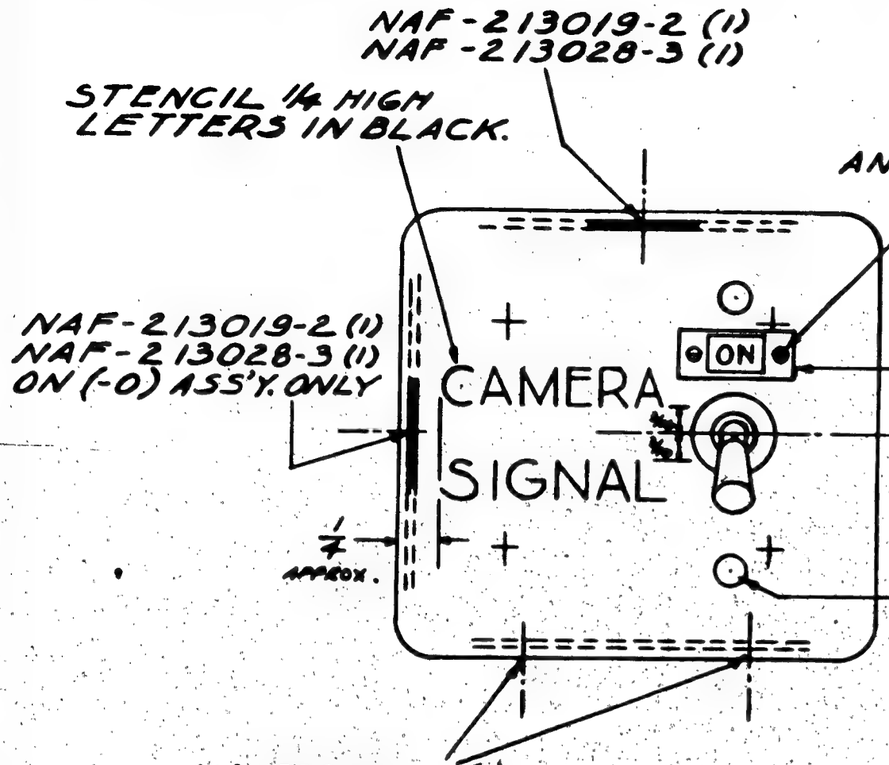
NAME INSTALLATION - ELEC. CAMERA SIGNAL BOX

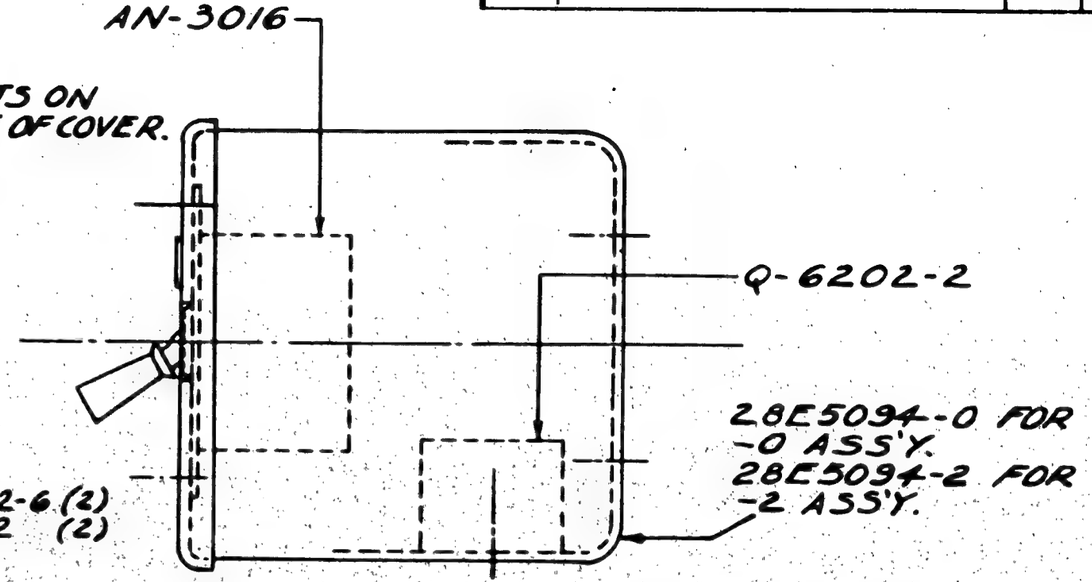
OPP. HAND

DWG. B SIZE 28E5690

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

LET	ALTERATION	DATE	BY





NOTE: THIS DWG. (#28E5691) IS APPLICABLE TO PBY-5A SHIPS-SERIAL NOS 2486, 2487, & 2488. ONLY

ASSY DASH NO	MODEL	NEXT ASSY.	QTY
2	PBY-5A NOTED	28E5690	1
2	PBY-5A NOTED	28E5693-5	1
0	PBY-5A NOTED	28E5693-0	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

LIGHT OR DISCARDED MATERIAL OTHERWISE SPECIFIED: ± 1/32

SCALE: 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
NAF-213019-2				2		1							
NAF-213019-1				2		1							
Q-6202-2				1		1							
Q-3511-5				1		1							
AN-3016				1		1							
AN-520-448-8				2		2							
AN-526-DD1032-6				2		2							
AN-960-A4L				2		2							
AN-430-AD2													
AN-365-D1032				2		2							
AC-365-448				2		2							
28E5094-2						1							
28E5094-0				1									
-6													

PARTS LIST PER ASSY.

AC		GASKILL	Booher		BMN				
NAVY NONE	NOTED ON DETAIL	2/19/41	2-24-41						
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG		

NAME ASSEMBLY ELEC. CAMERA SIGNAL BOX

OPP. HAND

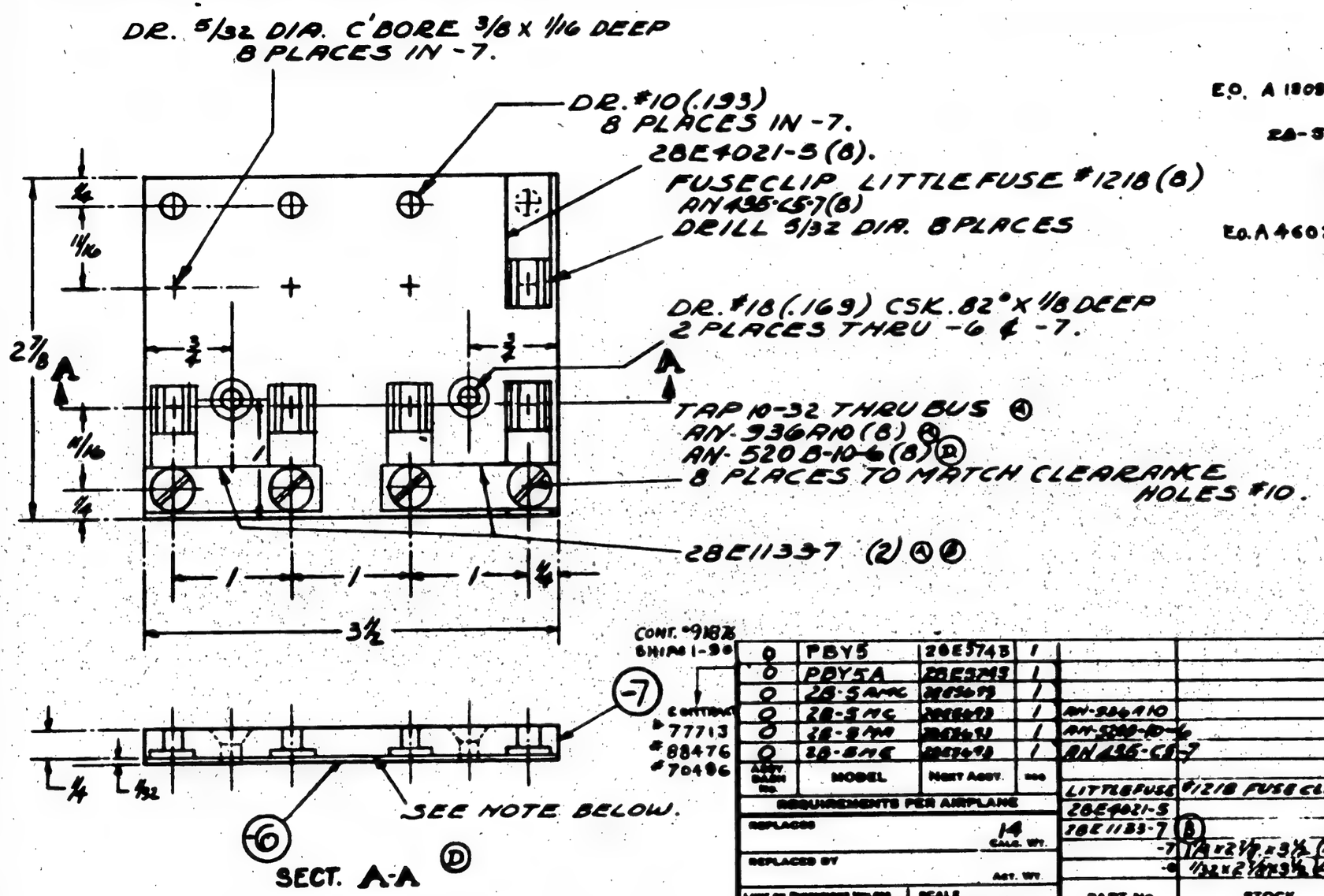
DWG. B SIZE 28E5691

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

LET	ALTERATION	DATE	BY
A	TAP 10-32 THRU BUS WAS TAP	6-24-41	BLACK
	8-32 THRU CLIP AN936A10		
	WAS AN936A8 AN515R10-6		
	WAS AN515R8-6 & 28E1133-3		
	WAS 28E1133-5 ON ONE END ONLY		
B	ADD AN3-7(2) WAS 28E1133-3(2)	5-9-41	STEVEN
C	AN936-C8-7 REPLACES	6-12-41	Evans
	AN425-C8-7 IN BLACK BOX		
D	CHG'D. END VIEW TO "SECT. A-A"		
	AN520B10-6(8) WAS AN515R10-6(8)		
	NO WT. CHG.	1-4-42	Weaver
E	ADDED TO REQ'D AIRPLANE BLOCK, PERS		
	CONT. #9876 SHIPS 1-90 INCL. NEXT ASSY		
	28E5743, 1 REQ'D (NO WT. CHG.)	6-30-42	FUNK

E.O. A 1809

E.O. A 46029

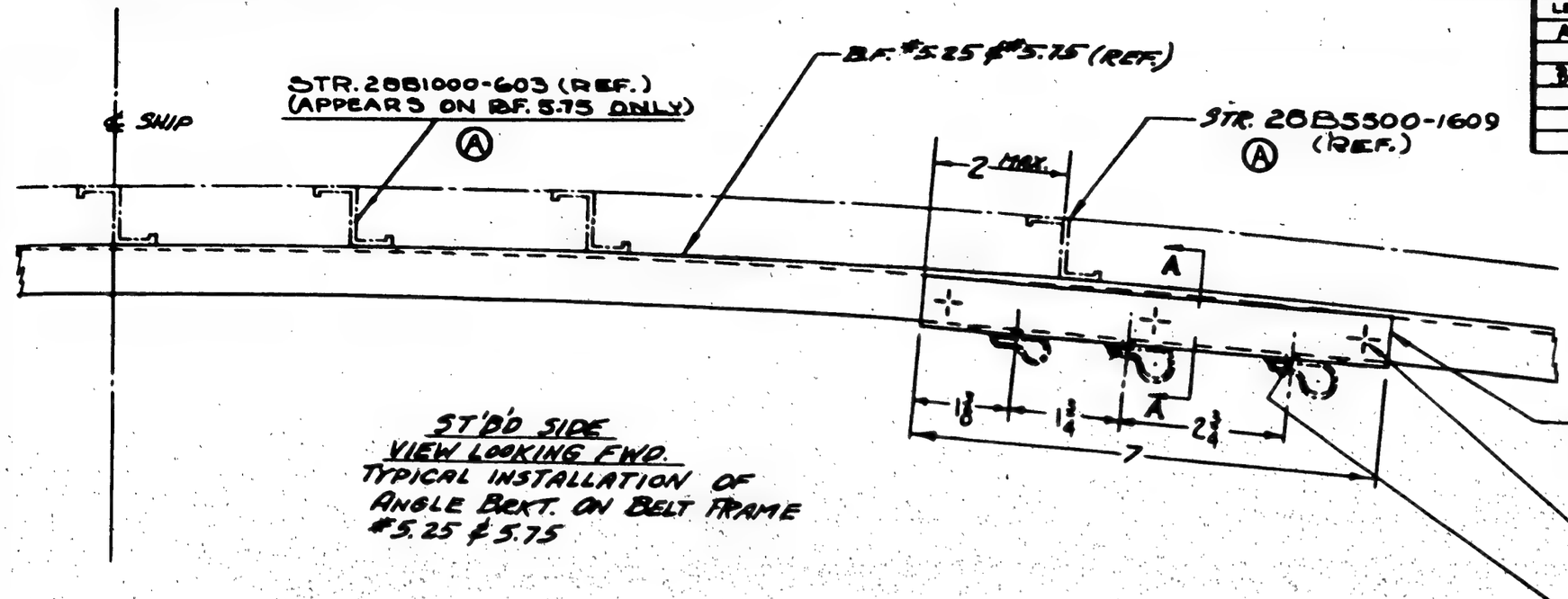


NOTE:
SAND JOINT SURFACES TO REMOVE GLAZE, & GLUE TOGETHER.

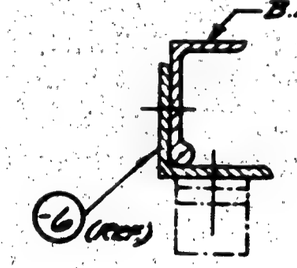
THESE PARTS WERE RUSH RELEASED FOR COSMA 3/11/41

| | | |

LET	ALTERATION	DATE	BY
A	CORRECTED STRINGER REFERENCES	10-6-41	A.N.
B	REMOVED CLIP DESIGNATIONS: 4 ADDED #10 (.193) DRILL - 3 HOLES	10-24-41	MILLS



ST'BD SIDE
VIEW LOOKING FWD.
TYPICAL INSTALLATION OF ANGLE BRKT. ON BELT FRAME #5.25 ℄ 5.75



SECT. A-A
FULL SIZE

-0	PBY-5A	28B3573	1
-0	OA-10	28B3573	1
-0	PBY-5A	28B3525	1
-0	OA-10	28B3525	1

ASSY DASH NO.	MODEL	NEXT ASSY.	QUAN.

REQUIREMENTS PER AIRPLANE

REPLACES — GALC. WT.

REPLACED BY — ACT. WT.

LIGHT ON SUPERSEDING UNLESS OTHERWISE SPECIFIED + — SCALE 6"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN 442D4				3									
28E5727-0	Y-2-A2GT X 7 1/4	ALCL (24ST)	47A8 T	1									

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC —	--	9/23/41	10-8-41				
NAVY —	P - AP	MILLS	MOTIS			10-8-41	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG

NAME INSTALLATION - ELEC. CONDUIT SUPPT - B.F. #5.25 ℄ #5.75

OPP. HAND -

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

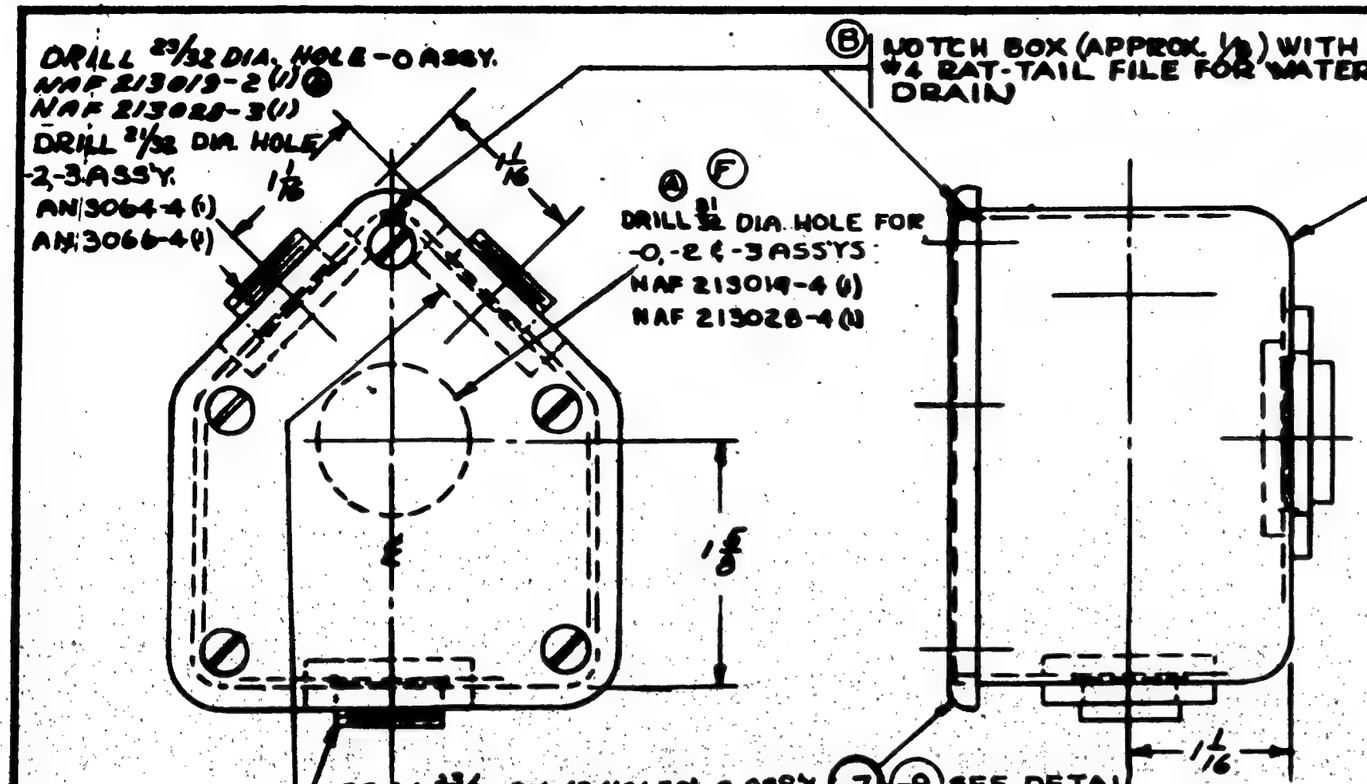
DWG. B 28E5727 SIZE

FINISH CODE

Z	ANODIC TREATMENT
P	P-17 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

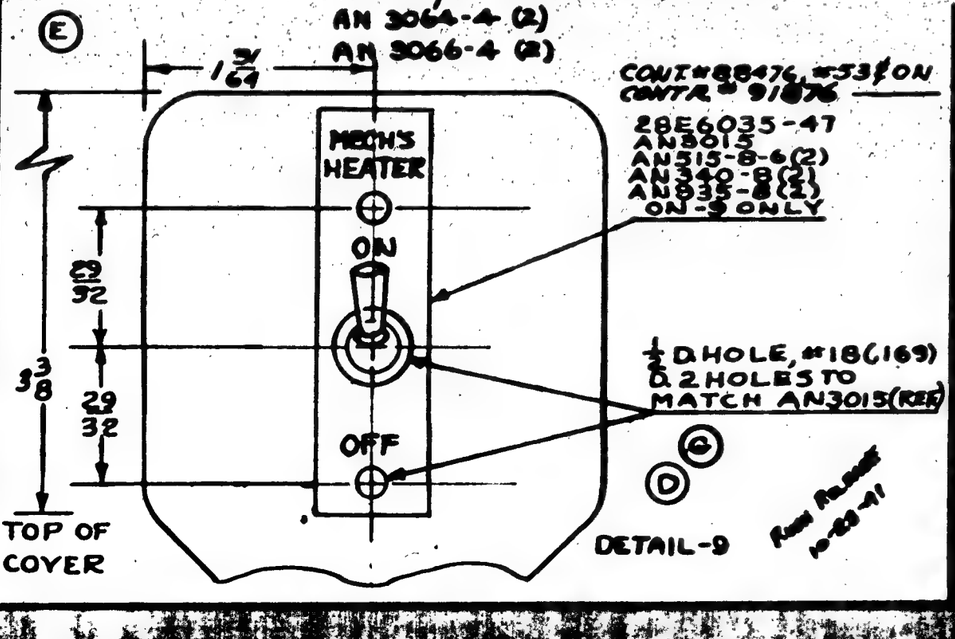
RUSH RELEASE 10-1-41

R



LET	ALTERATION	DATE	BY
A	ADDED [illegible] DRIL. HOLE & 4 NAF FITTINGS	[illegible]	[illegible]
	CHANGED NAF. 213019-2 TO 213019-2(0)		
	NAF 213028-3(0)		
B	ADDED .75 NOTCH FOR WATER		
	DRAIN	7-23-42	
C	ADDED -8 FOR -2 ASS'Y.	8-8-42	
D	CREATED -3 ASS'Y & ADDED -9		
	TO FACE ADDED DET. OF -2		
	NOTE. WT. CHG.	5-13-43	PAS.
E	CHG'D 21/32 DIA TO 1/2 NO WT. CHG	7-1-43	SWAN
F	1/2 DR. HOLE FOR -2 & -3 ASSYS. WAS 21/32		
	& NAF 213019 WAS 215109. NO WT. CH.	8-6-43	[illegible]
G	INVERTED 28E6035-47 FOR -3. W.T. CH. NEG.	8-4-43	[illegible]

FINISH CODE	
Z	ANODIC TREATMENT
P	P-Z7 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE



-3	PBY-5A	28E5810	1	
-2	PBY-5	28E5810	1	
-0	PBY-5A	28E5744	1	
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.	

REQUIREMENTS FOR ASSEMBLY

REPLACED

REPLACED BY

ASST. WT.

SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH RH REQ. -0	LH RH REQ. -2	LH RH REQ. -3	LH RH REQ. -4	LH RH REQ. -5
28E6035-47						1		
AN3015						1		
AN515-8-6						2		
AN340-8						2		
AN935-8						2		
AN3064-4					3	3		
AN3066-4					3	3		
[illegible]				1	1	1		
[illegible]				1	1			
[illegible]				3				
[illegible]				2				
-3						1		
BOX -8					1	1		
COVER -11 AMP 30938-1				1	1			
BOX -6				1				

PARTS LIST PER ASSY.

AC		7-8-41	7-8-41 TRACING	GARRETT JFR
NAVY NONE	P-AP		MILLING	ARM'TS
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT. MAT. APPROV. ENG.

OPP. HAND NONE

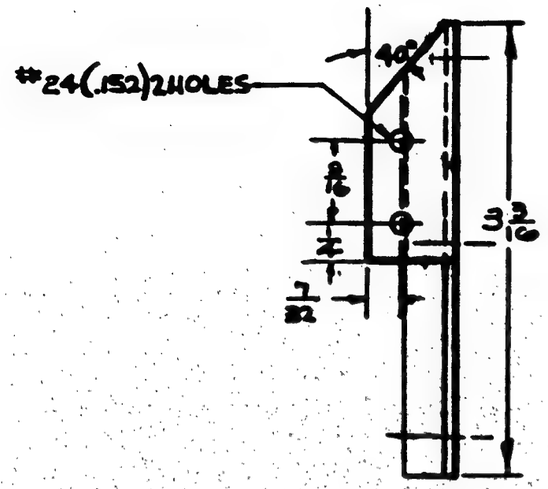
NAME BOX ASSY. - ELEC.
STEWART WARNER HT&. SYSTEM

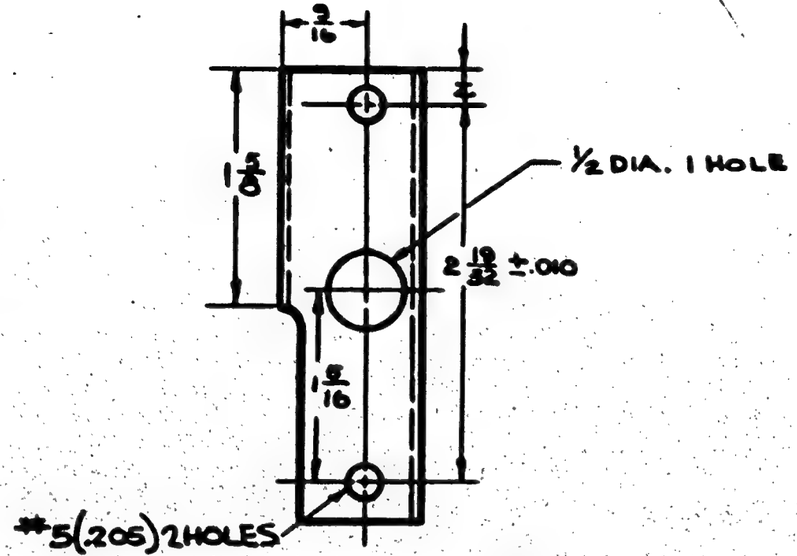
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

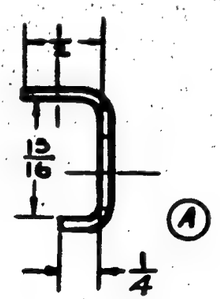
SIZE B 28E5745

E.O.A50802

LET	ALTERATION	DATE	BY
A	DIM ½ WAS 1/16 & REMOVED SHADED PART OF FLANGE. WEIGHT MIN	8-2-42	MHONEY







FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIME

L&R	28-AMC	28E5604	1 REQ
L&R	28-AMN	28E5604	1 REQ
L&R	PBY 5A	28E5604	1 REQ
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ

REQUIREMENTS PER AIRPLANE

REPLACES — Calc. Wt.

REPLACED BY — Act. Wt.

Limit on Dimensions Unless Otherwise Shown: ± 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No	STOCK	MATERIAL	SPEC.
	.051 X 1 5/16 X 3 5/16	ALCLAD	47AS-T

PARTS LIST PER ASSY.

LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-0		-2		-3		-4		-5	

AC		7/5/42	Ed. Moore
NAVY NONE	Z-P-G.P	LAWG	
HEAT TREAT	FINISH	DRAFT	CHECK

			Jim Langenderfer
			Crockett
			6-20-42
			Zack Arnold
STRUCT.	MAT.	APPROV.	ENG.

NAME BRACKET - ELEC. - LATCH SW. STRUT - MAIN LANDING GEAR.

OPP. HAND 28E5611 R.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

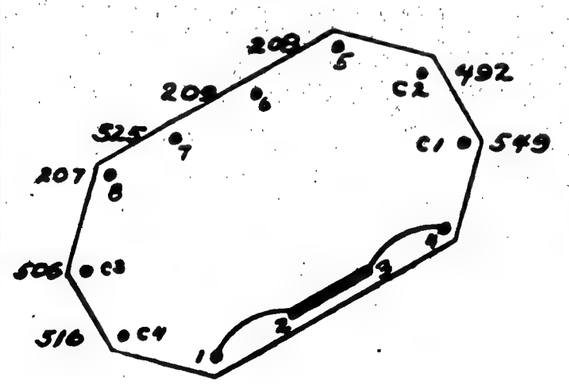
DWG. B SIZE 28E5811

FM R 6

LET	ALTERATION	DATE	BY
A	"APPLY TO --(REF.)" WAS "CUT OUT & CEMENT TO ---(REF.)" NOTED	1-26-43	BCWHS
	MAT'L & SPEC. IN B/M. ADDED MAT'L		
	NOTES "1 & 2", & DIMS. ℄ ¾ & 6¾.		
	ADDED "TRIM LINE". (WT. CHG. NEG.)		

904 • 905			
668 • 470	102 • 823	101 • 811	681/581 • 861
494 | 522	103 • 822	100 • 810	682/582 • 862
521 | 506	104 • 821	99 • 809	683/683 • 863
465 • 464	105 • 820	98 • 808	684/684 • 864
188 • 184	106 • 819	97 • 807	915 • 911
991 • 990	107 • 818	96 • 806	914 • 910
997 • 996	94 • 817	93 • 805	913 • 909
985 • 984	95 • 816	92 • 804	912 • 908
613 | 507	357 • 815	277 • 803	•
518 | 74	356 • 814	276 • 802	•
81 | 37	666 • 813	586 • 801	69 • 825
615 | 75	72 • 812	745 • 800	730 • 824
846 • 843			

8 3/8



516 • 515
587 • 508
549 • 509

5 1/8

TRIM LINE

APPLY TO Ⓐ
INSIDE OF FLOAT RELAY
BOX COVER 28E6218-7 (REF)

Ⓐ PART MAY BE:
1- BLUE PRINT CUT-OUT, OR
2- DECALCOMANIA, BLACK LINES ON WHITE, A.A.F. SPEC. 14118, WATER SLIP-OFF TYPE. (MAY BE PURCHASED FROM DUROCHROME CO., LOS ANGELES, CALIF. TYPE K. OR EQUIV.) PART NUMBER TO BE PRINTED ON REVERSE SIDE OF PAPER BACKING. ALL LETTERS TO BE 1/8" HIGH.

SAME SHEET (OR PAGE) AS CONT. - GO TO SHEET (OR PAGE)

-	PBY-5	28E62.10	1
	PBY-5A	28E62.8	1

CODE IDENT. NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES — Gals. Wt.

REPLACED BY — Adv. Wt.

LIGHT ON DRAWINGS UNLESS OTHERWISE SPECIFIED: + / −

SCALE

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
-0		NOTED	NOTED										

PARTS LIST PER ASSY.

AC
NAVY
HEAT TREAT | FINISH | KING | DRAFT | CHECK | STRUCT. | MAT. | APPROV. | ENGR.
8-1342 | 1-19-42

NAME IDENTIFICATION-ELECT-FLOAT RELAY BOX TERMINAL

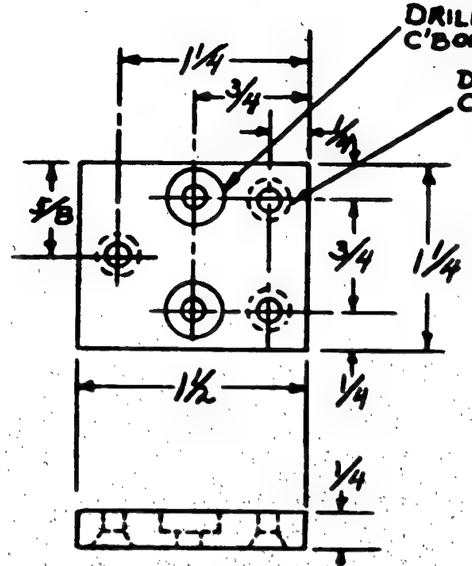
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

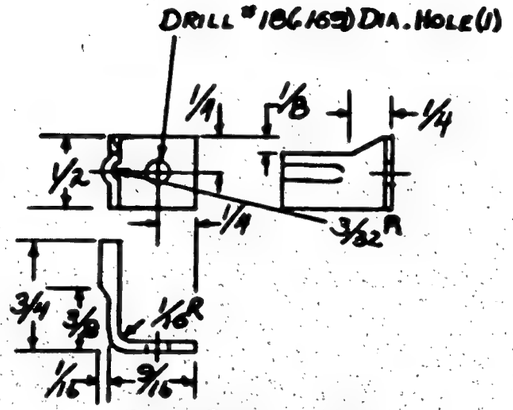
SIZE B | 28E5834

R

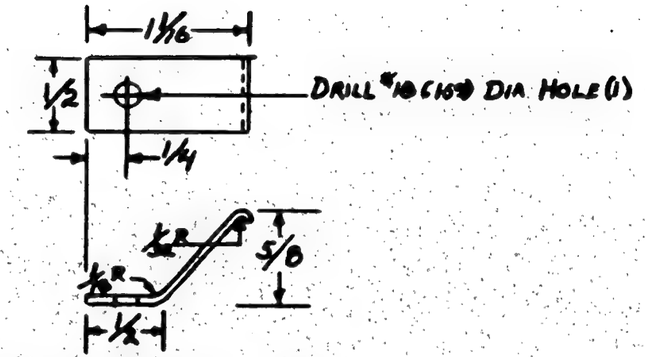
LET	ALTERATION	DATE	BY



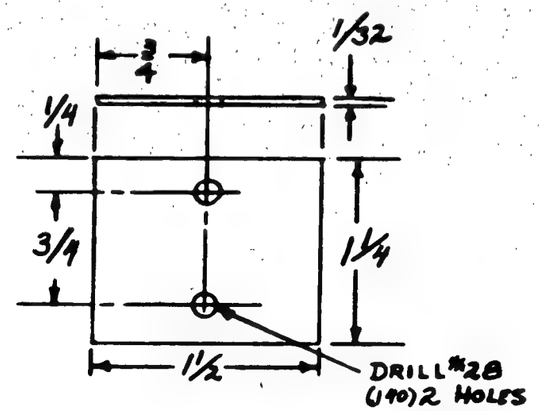
DETAIL -20



DETAIL -22L



DETAIL-23



DETAIL -21

-20	28-5 ANN	28E5836	1
-21			1
-22R			1
-22L			1
-23	28-5 ANN		1
-20	PBY-5A		1
-21			1
-22R			1
-22L			1
-23	PBY-5A	28E5836	1
ASSY. SALES NO.	MODEL	NEXT ASSY.	REQ.

CHANGE TO 28E5836

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

UNLESS OTHERWISE SPECIFIED: ± 1/32 — SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PURCHASE WITH 28E5836

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
28E5837-22R	1 5/8 X 1/2 X .025	PHOS. BRONZE	4340 STEEL	1									
28E5837-20	1 1/8 X 1 1/2 X 1/4	PHENOLIC	MIL-P-79 GR.	1									
28E5837-21	1 1/8 X 1 1/2 X 5/32	PHENOLIC	MIL-P-79 GR.	1									
28E5837-22L	1 5/8 X 1/2 X .025	PHOS BRONZE	4340 STEEL	1									
28E5837-23	1 5/8 X 1 1/2 X .025	PHOS BRONZE	4340 STEEL	1									

PARTS LIST PER ASSY. — -0 | -2 | -3 | -4 | -5

AC		KING		Black	Light		Green	Black
NAVY NOTED	NONE	B-2292	5/20/42	Hartford	ELEC.	4-20-42		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME DETAILS-FLOAT WARNING THROTTLE SWITCH

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — 28E5837

R

28E5848

MCR 254-5
MCR 2218-7

LET	ALTERATION	DATE	BY
A	ADDED, "RADIO ALT. 5 AMP"	6-7-43	KARP
B	CABIN HEATER 15" WAS "HEATER 5"	6-5-43	KARP
C	CHALKED INERT ASS'Y FOR -10 & -11		
	PBY-5A FROM 28E5020 TO 28E4011	7-3-43	[illegible]
D	FOR -2 LIV. & RG. OUTS. 30 WAS 10,		
	RD. & TNL. GUN OUTS 30 WAS 10, MECH'S		
	OUT 30 WAS 20. WT. CHG. NEG.	7-13-43	BENNER
E	-7 STRIP, "B'S & P'S OUTS ASTROGRAPH		
	30" WAS "B'S & P'S OUTS 30" -9 STRIP,		
	"N-4 CAMERA MK II GUNSIGHT 35"		
	WAS "N-4 CAMERA 35" NO WT. CHG.	9-8-43	HENDLEY JONES

NOTE: MAKE PARTS SHOWN BY CLIPPING FROM BLUEPRINTS OF THIS DRAWING

35 ELEC STARTS	30 NACELLE OUTS	10 MECHS CPT. LT	20 BOMB SIGHT	R.H. WING ANTI-ICER 5
SIG SYSTEM LIGHTS 5	B'S & P'S OUTS ASTRO GRAPH 30	R. GUN CPT. LT. 5	N 4 CAMERA MK II GUN SIGHT 35	L.H. WING ANTI-ICER 5
LAND'G LIGHTS RELAYS 5	NAV'S CHT. LTS. 5	TNL. GUN CPT. LT. 5	REMOTE INDIC. COMP'S 5	ABD RCV. PWR 10
OIL GAGE 5	D. PANEL LIGHT 5	LIVING CPT. LT. 5	BOMB RELEASE 35	DETONAT'R 20
WIND SHIELD WIPER 60	PILOT'S MECH'S INS. LTS. SIGNAL SYSTEM 10	EXT. LIGHTS 10	LIV. & RG. OUT'S. 30	
PITOT HEATER 10	BOMB'S INS. LTS. 5	RADIO CPT. LT. RADIO LIGHTS 10	RD. & TNL GUN OUT'S 30	RADIO ALT. 5 (A)
FLOAT CONTR 5	WARN HORN 10	BOMB'R CPT. LT. 5	MECH'S OUT 30	CABIN HEATER 15 (B)
TAIL ANTI-ICER 30	STB'D GEN. 80	PORT GEN. 80	AUX. GEN. 125	CONT FEED 35
(-6)	(-7) (E)	(-8)	(-9) (E) (D)	(-10)

(-11)

C-NO 85464

ASSY DASH NO	MODEL	NEXT ASSY	REQ
-11	PBY-5A	28E4011	1
-10	PBY-5A	28E4011	1
-9	PBY-5A	28E5020	1
-8	PBY-5A	28E5020	1
-7	PBY-5A	28E5020	1
-6	PBY-5A	28E5020	1

REQUIREMENTS PER AIRPLANE

REPLACED — CALC. WT.

REPLACED BY — ACT. WT.

UNLESS OTHERWISE SPECIFIED — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	REQ	LH REQ -0	RH REQ -0	LH REQ -2	RH REQ -2	LH REQ -3	RH REQ -3	LH REQ -4	RH REQ -4	LH REQ -5	RH REQ -5

PARTS LIST PER ASSY

APPROVED FOR TOOLING BY R B HUMPHREYS 1-13-43

FILE

AC

NAVY NONE — NONE

HEAT TREAT — FINISH

NAME STRIP-ELEC.-M.D.P.

FUSE IDENTIFICATION

CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF

OPP HAND NONE

DWG B SIZE 28E5848

CHECK — STRUCT — MAT — APPR'V — ENG

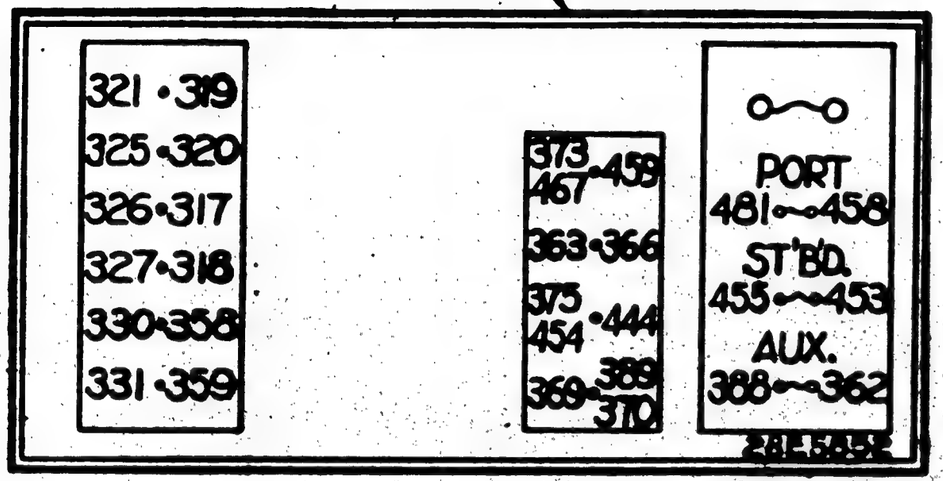
1-14-43

R 1-14-43

LET	ALTERATION	DATE	BY

28E5852

CUT OUT ALONG THIS LINE



NO. (2) 464

	PBY-5A	28E5851		1
ASSY. SERIAL NO.	MODEL	NEXT ASSY.		QTY.

REQUIREMENTS PER AIRPLANE

REPLACES	SALG. WT.
REPLACED BY	ACFT. WT.
LAYOUT OR ENGINEERING ORDERS / SPECIFICATIONS REFERENCED: NONE	SCALE: NONE

STAMP PART NUMBER WHERE SHOWN

BLUE PRINT

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		PUTNAM					
NAVY		8-5-43	8-17-43				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME IDENTIFICATION -ELECT.- A.C. POWER JUNCT'N. TERM.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

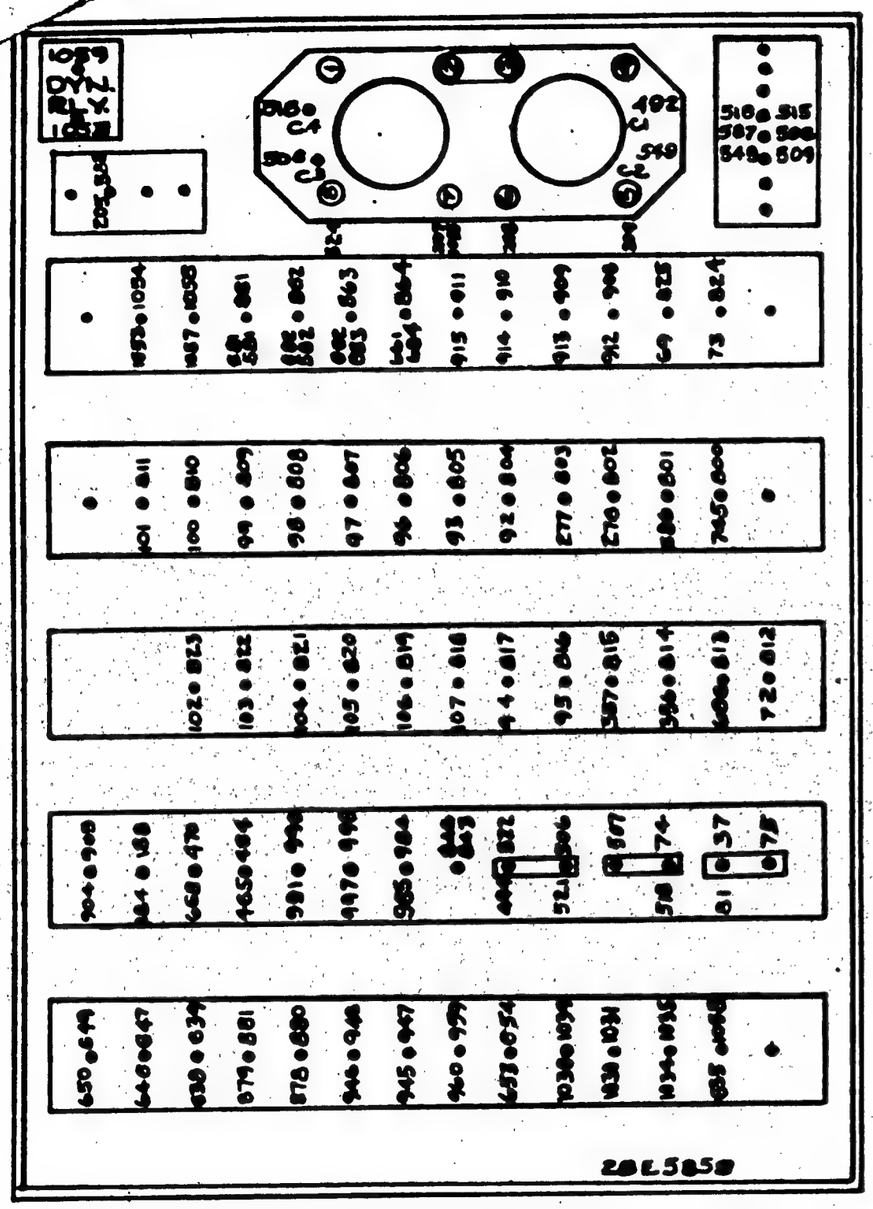
OPP. HAND

DWG. B SIZE 28E5852

R

LET	ALTERATION	DATE	BY

28E5859



28E5858

APPROVED FOR TOOLING BY
FRUE 9/11-43

CUT OUT & CEMENT TO INSIDE OF BOX COVER. 28E6217 (REF) & COVER WITH SHELLAC

CNO 2(S)464

	FBY-5A	28E6216	1
ASSY. GROUP No.	MODEL	NEXT ASSY.	QTY.

REQUIREMENTS PER AIRPLANE

REPLACED	Orig. Wt.
REPLACED BY	Adv. Wt.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE ±	SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-6													

AC		8-5-43	Carew	Fisher			McClure
NAVY		D. DAY	8/9/43		Dunn	Keuk	
HEAT TREAT	FINISH	DRAFT.	CHECK	STRUCT.	MAT.	APPROV	ENG.

NAME IDENTIFICATION — ELEC. — FLOAT-RELAY BOX TERMINAL

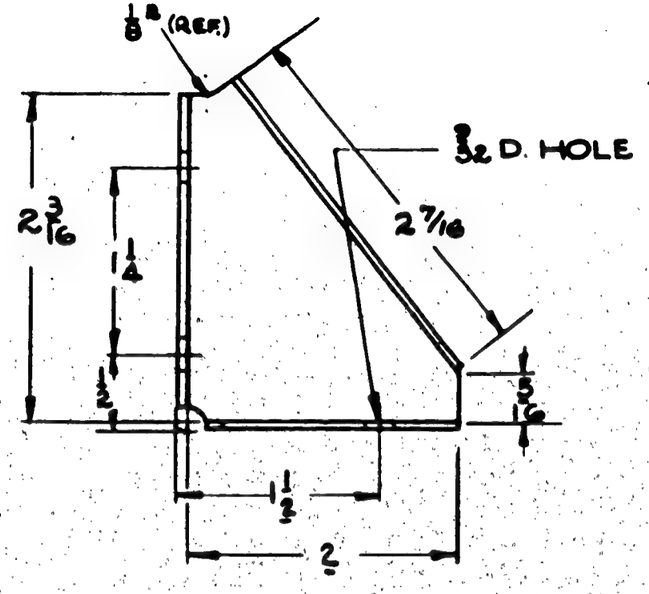
OPP. HAND

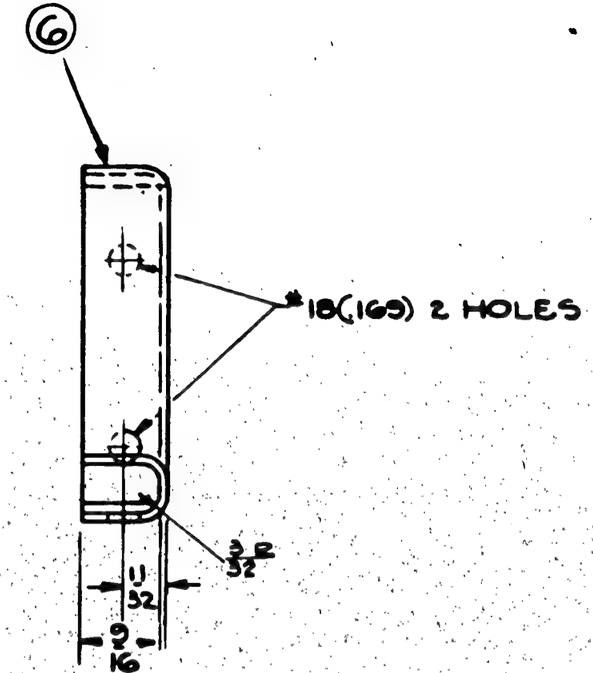
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B 28E5859

R

LET	ALTERATION	DATE	BY





NOTE:
ALL BEND & RELIEF RADII 1/8
EXCEPT AS NOTED

FINISH
Z-ANODIC TREATMENT
P-P-27 PRIMER
AP-ALUMINIZED PRIMER

NOTE:- THIS PART FURNISHED BY BREWSTER.

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ
	PBY-5A	28E6034	2
-0	PBY-5B	28E6034	2

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32 — SCALE 12" = 1'-0

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.040 = 3 = 3½	2490 ALC	47A8-A	2									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		11-17-41	11-26-41		JER		
NAVY SR-55	Z-P-AP	HAND		12-1-41			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG.

NAME BRACKET - ELEC. FLOAT UP LIMIT SWITCH

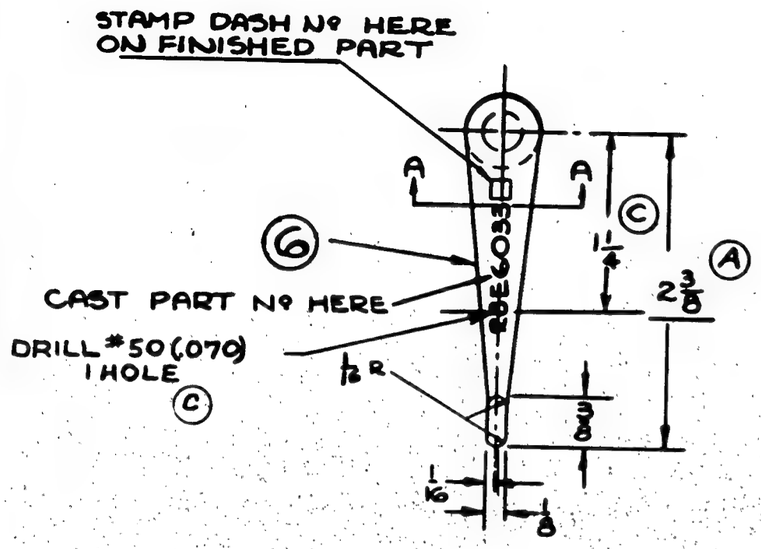
OPP. HAND NONE

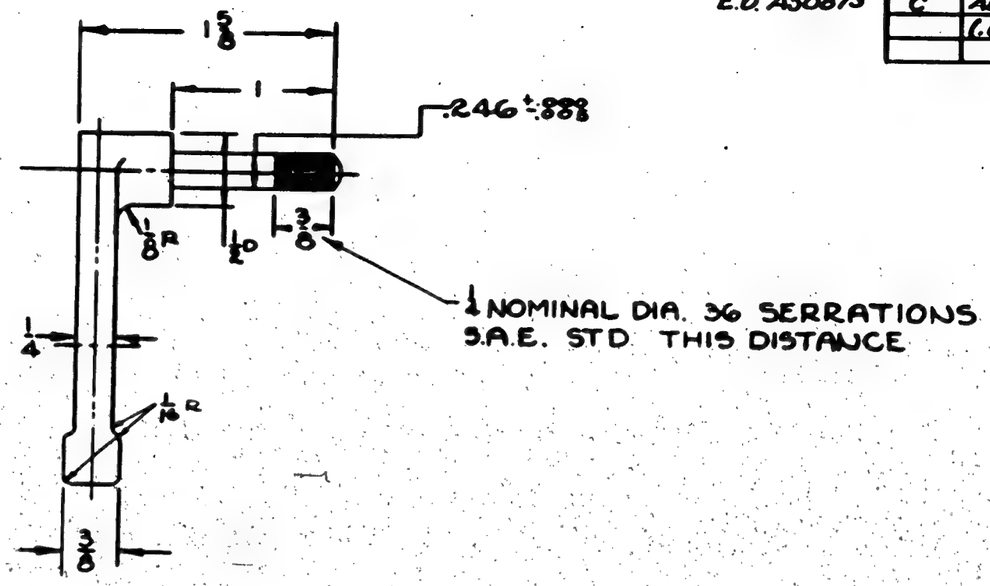
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28E6031

R

LET	ALTERATION	DATE	BY
	E.O. A37912		
A	DIM. 2 3/16 WAS 2 5/16 (NO WT. CHG.)	6-4-42	
B	SPEC. 46AI-CL-4 WAS 46AI & CL-1		
	SAND CAST. WAS DIE CAST. (WT. CHG. NEG.)	6-4-42	
	E.O. A50873		
C	ADDED DIM. 1 1/4 & 1 HOLE DRILL #50		
	(.070) NO WT. CHG.	8-21-42	





FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

NOTE: THIS PART FURNISHED BY BREWSTER

1/16 RAD. ON CORNERS

SECTION A-A

	ASSY DASH No	MODEL	NEXT ASSY.	REQ
"91 & ON CONT" 91876	-6	28-5AMN	28E5247	1
	-6	PBY-5	28E5247	1
"53 & ON C 88476	-6	PBY-5A	28E5247	1
	-6	PBY-5B	28E6247	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT

REPLACED BY — ACT. WT

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/64

SCALE: 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No	STOCK	MATERIAL	SPEC	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
-6	SAND CAST.	AL. ALLOY	46AI CL-4	-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC		11-18-41	11-28-41 FAULCONER	GERBER	J.F.R.	PACIFIC	J.C.H.	
NAVY 33000 #	Z-P AP EXCEPT BEARING	MOORAD	RUSS CARLSON	12-1-41		12-27-41	WOLD	12/24/41
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG	

NAME ARM-ELEC-FLOAT DOWN LIMIT SWITCH

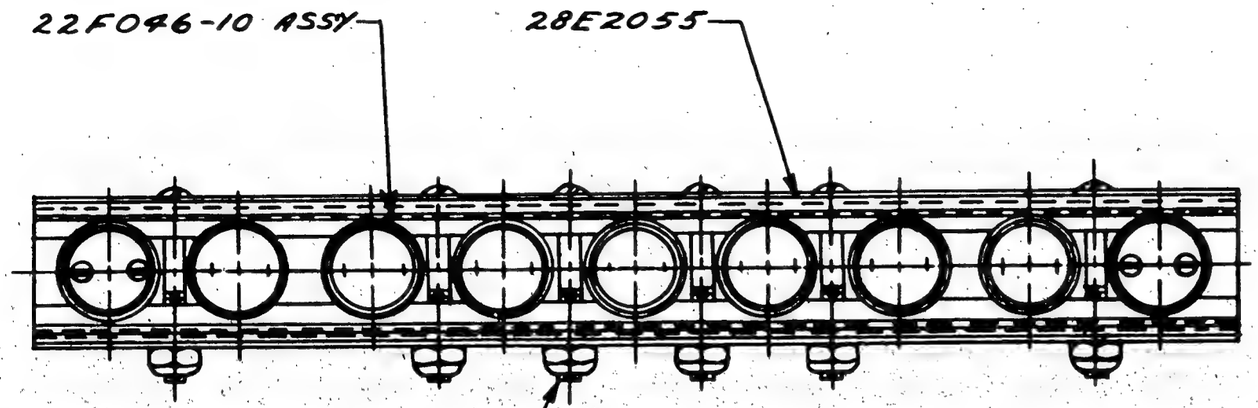
OPP HAND NONE

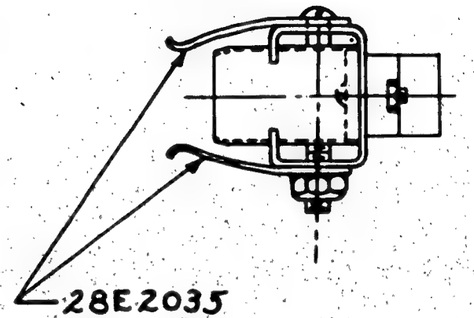
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF

DWG B SIZE — 28E6033

R

LET	ALTERATION	DATE	BY
	E.O. #45508		
A	ADDED -Q ASS'Y FOR MODEL PBY-5B		
	NEXT ASS'Y, 28E6138 (1) NO WT CHG 7/1/42		
B	E.O. #A98345		
	AN 526-832-22(6) WAS AN515-8-20(6) WT CHG. NEG.	24-A3	





C.08476-#53 & ON
C.01876-#91 & ON

ASSY DASH NO	MODEL	NEXT ASSY.	REQ'D
	PBY-5B	28E6138	1
	28-5AMN	28E6052	1
	PBY-5D	28E6052	1
	PBY-5A	28E6052	1
	PBY-5	28E6052	1

REQUIREMENTS PER AIRPLANE

REPLACES	CALC. WT.
REPLACED BY	ACT. WT.
LIST ON DRAWINGS UNLESS OTHERWISE SPECIFIED —	SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LM REQ.	RH REQ.	LM REQ.	RH REQ.	LM REQ.	RH REQ.	LM REQ.	RH REQ.	LM REQ.	RH REQ.
				-0		-2		-3		-4		-5	
AN 526-832-22				6									
AC 365-832				6									
28E2035				2									
22F046-6				9									
28E2055				1									

PARTS LIST PER ASSY.

AC		1-19-42	SHAVER	GERBER	R.E.R	CROWDUS	McCABE	
NAVY NONE	NONE	GALIZIA	FAUCONER			2-9-42	WALD	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT'L	APPROV.	ENG	

NAME SOCKET ASSY. - ELEC. SIGNAL SYSTEM

OPP. HAND —

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

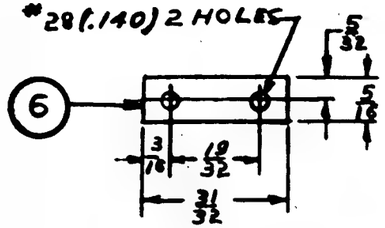
DWG. B SIZE 28E6054

R

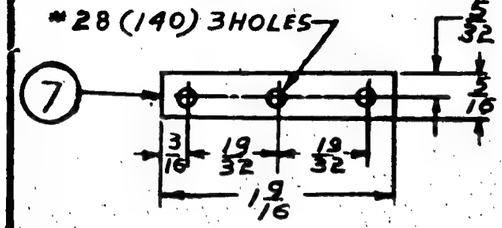
LET	ALTERATION	DATE	BY
A	ADDED -11 REQTS	2/5/42	MAHAN
B	ADDED TO -6 REQUIREMENTS	7/21/42	STROM
	ONX B32 & YB32 (1 REQ) NEXT		
	ASSY 33E607		
C	INCREASED REQ. FOR PBY-5 CATALINA SHELTON AND PBY-5A NXS18595 OF -6 TO		
	2 REQ WAS 1 REQ NEXT ASSY 28E5230		
	PER PLR #15733	3-1-43	BENNER
D	CHG REQ OF -6 FOR XB-32		
	& YB-32 FROM 1 TO 2.		
	NO WT. CHG.	3-18-43	[illegible]
E	SPECS. "QQ-C-501" FOR -6, -7, & -11		
	WERE "A7C2 SOFT" H.T. "SOFT		
	OR LIGHT COLD ROLLED" WAS "NONE"		
	NO WT. CHG	10-1-43	[illegible]

A72815

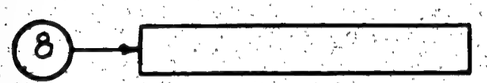
⑥ #28 (.140) 2 HOLES



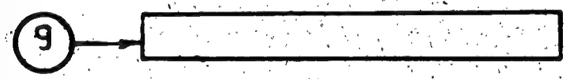
⑦ #28 (140) 3 HOLES



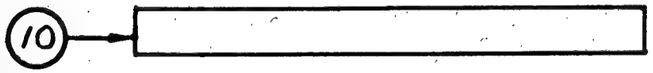
⑧



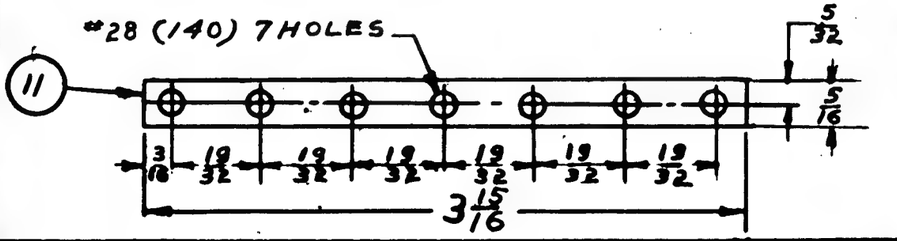
⑨



⑩



⑪ #28 (140) 7 HOLES



-6	PBY-5	28E5233	1
SEE RELEASED SHEETS FOR PBY-5, PBY-5A, & PBY-5B			
-6	YB32	33E607	2
-6	XB32	33E607	2
-11	PBY-5B	28E6123	1
-6	PBY-5B	28E6123	1
-7	PBY-5B	28E6108	8
-7	PBY-5B	28E6112	6
-6	PBY-5B	28E6094	1
-7	PBY-5B	28E6051	1
-6	PBY-5B	28E6051	2
-6	PBY-5B	28E6051	6

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES — Equip. Wt.

REPLACED BY — Asst. Wt.

UNLESS OTHERWISE SPECIFIED ± .010 — SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

FINISH - CAD PLATE

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-11	.040 X 5/16 X 3 15/16	SH COPPER	QQ-C-501										
-10													
-9													
-8													
-7	.040 X 5/16 X 1 5/16	SH COPPER	QQ-C-501										
-6	.040 X 5/16 X 31/2	SH COPPER	QQ-C-501										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		7/31/42	Hawes Cohen Kelly				
NAVY 30FT. OR LIGHT COLD ROLLED	C	MALLORY	10-31-41	R.H.[illegible]	[illegible]	[illegible]	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG.

NAME BUS - ELEC. TERMINAL STRIP ADAPTER

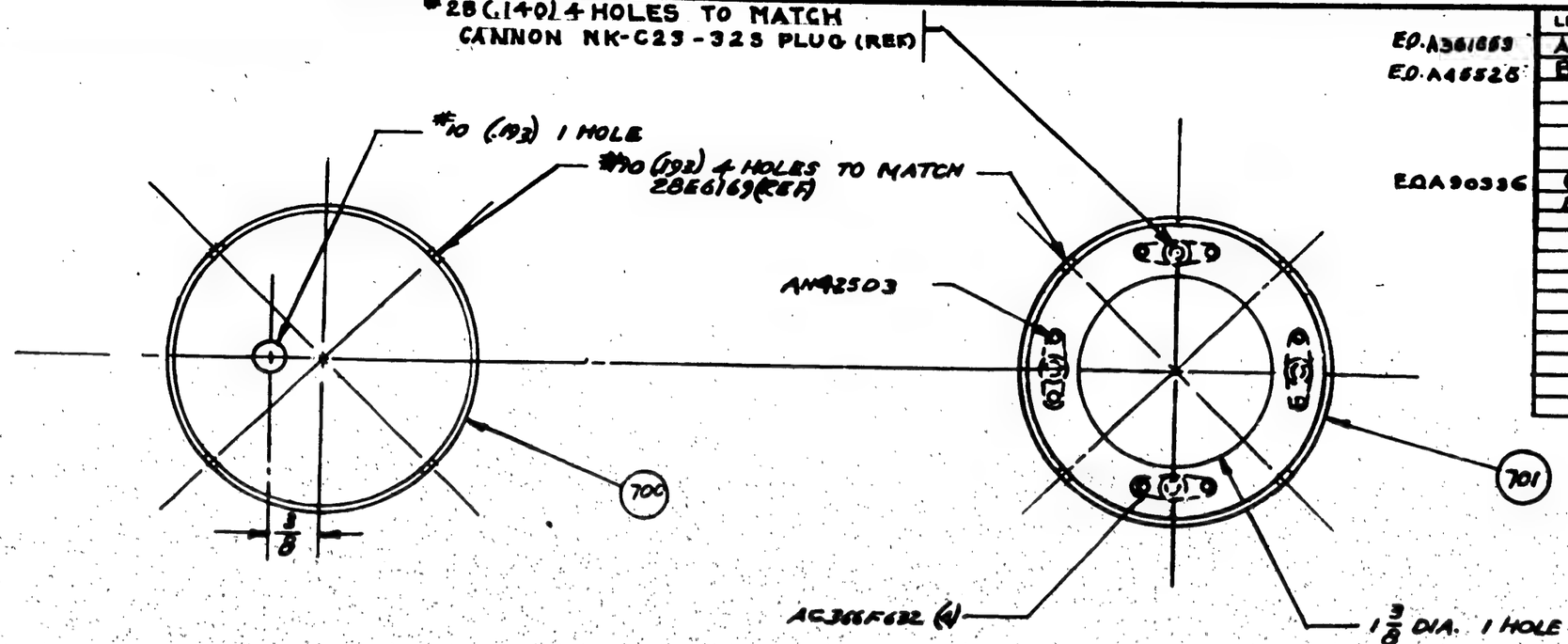
OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28E6056

28E6056

R



LET	ALTERATION	DATE	BY
A	CHG. 3/16 DIM WAS 3/8 WT. CHG NEG	6-4-42	CARTER
B	ON B/M IN REG. AIRPLANE BLOCK		
	ADDED -0 ASS'Y FOR PBY-5A		
	PBY-5A; ALSO -700 FOR		
	PBY-5A PBY-5A. NEXT ASSY		
	28E6171 ISARRED (NO WT. CHG)	7-7-42	FINK
C	DIM. 2.38 WAS 2.45 NO. WT. CHG	9-26-42	CARTER
D	IN REG. PER AIRPLANE BLOCK:		
	FOR PBY-5 LIMITED -700 TO C.		
	91876 #91-345 & ADDED -6 FOR C.		
	91876 #346 & ON. FOR PBY-5A		
	LIMITED -700 TO C. 88476 #53 &		
	ON & ADDED -6 FOR C. NO(AS) 464;		
	N.A. 28E6171(1) EACH REQ.		
	NO. WT. CHG.	4-4-43	MARKING

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

PARTS MADE FOR PBY-5B #1

NO(AS) 464
C. 91876 #346 & ON
C. 88476 #53 & ON
C. 91876 #91 TO 345
C. 88476 - #53 & ON
C. 91876 - #91 & ON

ASSY. DASH No.	MODEL	NEXT ASSY.	REQ.
-6	PBY5A	28E6171	1
-6	PBY5	28E6171	1
-700	PBY-5A	28E6171	1
-700	PBY-5	28E6171	1
-0	PBY-5A	28E6171	1
-0	PBY-5	28E6171	1
-0	PBY-5B	28E6171	1
-700	PBY-5B	28E6171	1

REQUIREMENTS PER AIRPLANE

REPLACES — .03 CALC. WT.

REPLACED BY — ACT. WT.

SCALE 12" = 1'-0"

± 1/32

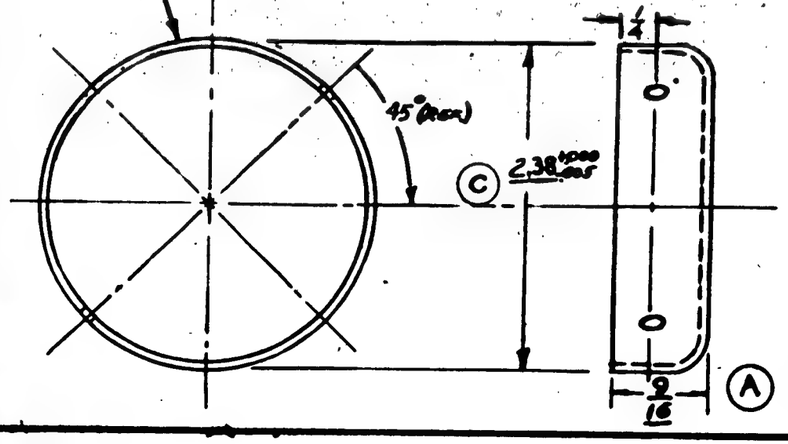
STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN42503										-1			
AC366F632										4			
-701	MAKE FROM -6									1			
-700	MAKE FROM -6												
-0	0.32 x 5 DIA.	52S	47A1-A										

PARTS LIST PER ASSY.

-0 -2 -3 -A -5

-6 FOR TOOLING SEE 28E503-B (REF)



AC	—	—	2-18-42	RWS GERBER DBA TACHL McCABE
NAVY	—	-2-P	D. JAMES	3/17/43 WILLIAMSTON WOLD
HEAT TREAT		FINISH	DRAFT	CHECK STRUCT. MAT. APPROV. ENG.

NAME CAP - ELEC. INSTRUMENT PANEL JUNCTION

OPP. HAND —

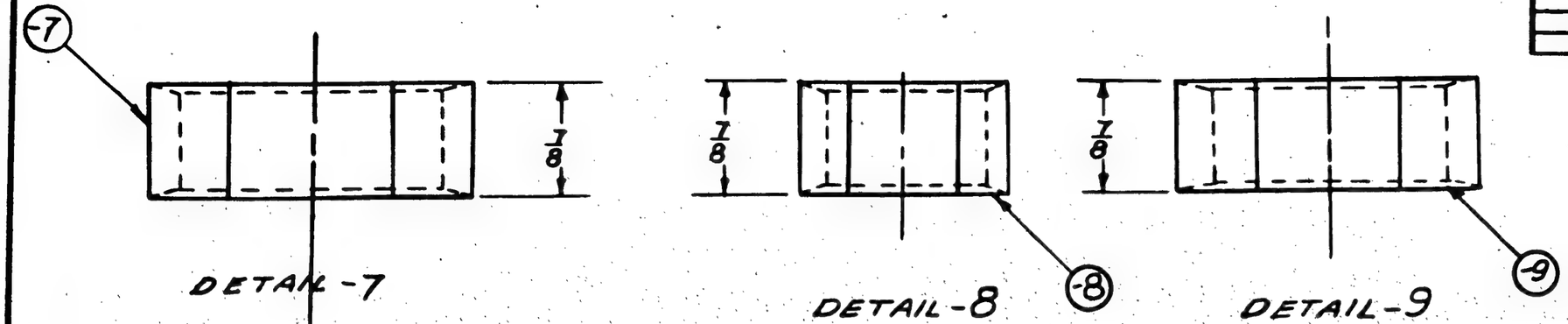
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — 28E6170

3/17

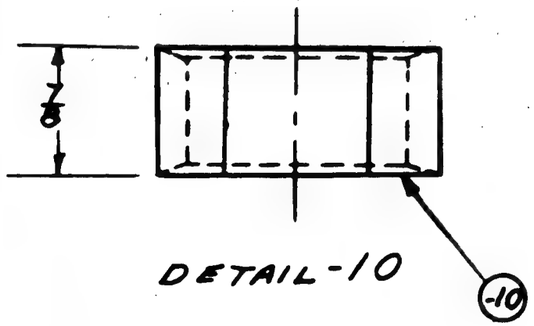
R

LET	ALTERATION	DATE	BY
F	TRACED NO WT CHG.	3/16/42	CLM



NOTE:
BREAK & FINISH CUT END
TO MATCH UNCUT END.

DETAIL-6



DETAIL-10

C.NO N(S)464
MCR 164-3 NO A(S)464
C.91876 #946 & ON
C 91876 #918 & ON

ITEM NO.	MODEL	PART ASSY.	REQ.
-10	PBY-5A	28E6242	1
-9	PBY-5A	28E6241	1
-8	PBY-5	28E6240	1
-7	PBY-5A	28E6239	1
-6	PBY-5A	28E6238	1

REQUIREMENTS PER AIRPLANE

REPLACES 28E6242 OF 2-28-42 ENG. WT.

REPLACED BY ACT. WT.

SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
-10	MAKE FROM AN3068-16								
-9	MAKE FROM AN3068-20								
-8	MAKE FROM AN3068-12								
-7	MAKE FROM AN3068-24								
-6	MAKE FROM AN3068-8								

PARTS LIST PER ASSY.

AC		BEAN	SWAVEY CARLSON 3-4-42			HG GERDES CARR 3-14-42	
NAVY NONE	NOTED	2/28/42	FAHL CONER				ARNOLD
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME ADAPTER - ELEC. - CONDUIT FITTING

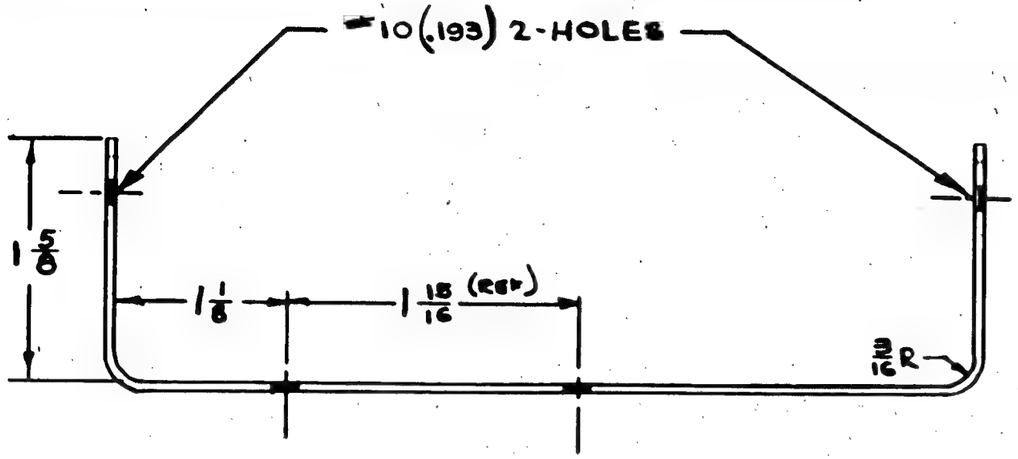
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

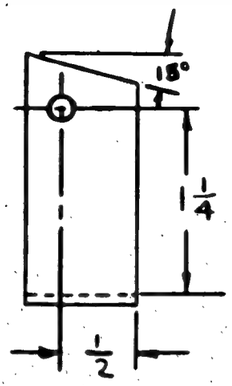
OPP. HAND

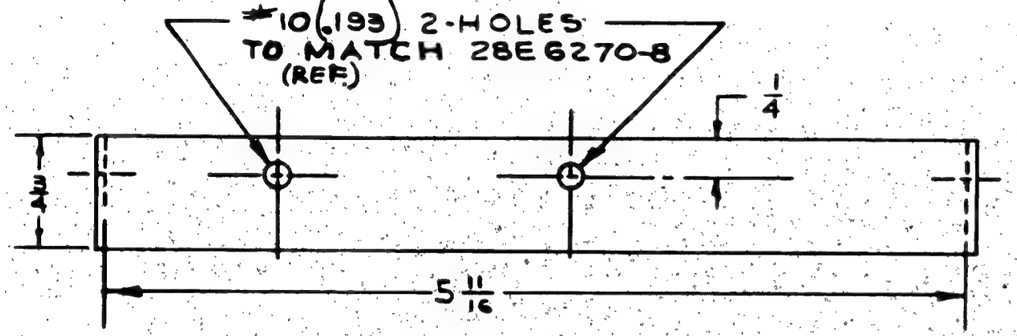
SIZE B DWG. 28E6242

28E6242

LET	ALTERATION	DATE	BY







FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

COMT. #88476 SHIPS 53/100

ASSY DASH NO.	MODEL	NEXT ASSY.	REQ
-0	PBY 5A	28E6273	1

REQUIREMENTS PER AIRPLANE

REPLACES .0289 CALC. WT.

REPLACED BY ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32 SCALE 12" - 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.051 x 7/8 x 9 1/2	AL. AL24ST	47A10-T	1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		3/24/42	MOORE					
NAVY NONE	P-AP	LANG	FALCONER 3/27/42			R&M		MICHE
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.		MAT	APPROV	ENG

NAME BRACKET - ELEC: WAIST GUNNER'S HEATER SW. BOX

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

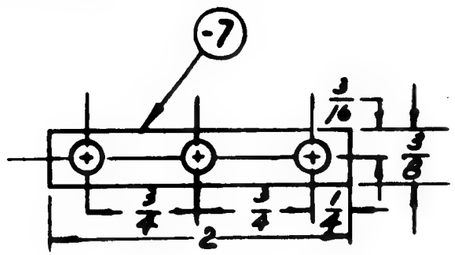
OPP. HAND

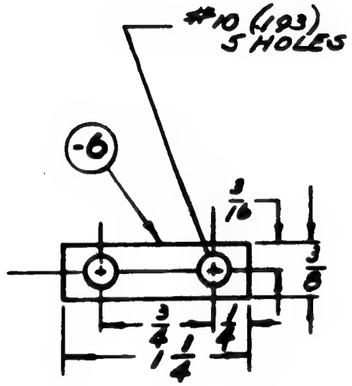
DWG. B 28E6271 SIZE

6-22-42

F.L.R. 15751

LET	ALTERATION	DATE	BY
A	IN REQ'TS FOR PLANE		
	ADDED -6 FOR PBY-5 &		
	-5A NEXT ASSY 28E4011		
	(1) REQ. NO WT. CHG.	3-13-43	[illegible]
B	-6&-7 SPECS. "QQ-C-501" WAS "4X2." TO		
	WHICH WAS ADDED "SOFT, LIGHT COLD ROLLED		
	OR HARD." NO WT. CHG.	10-1-43	[illegible]





C=NXS 13595
C=91876 #346 & ON

FINISH-CAD PLATE

-6	PBY-5A	28E9011	1
-6	PBY-5	28E9011	1
-7	PBY-5A	28E6271	2
-6	PBY-5A	28E6271	6
ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES — Calc. WT

REPLACED BY — Act. WT.

Layout on Duplicating Vellum — Drawing Accepted: 1/32 — SCALE: 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
-7	2 1/8 X 3/16 X .062	COPPER SHT	QQ-C-501										
-6	1 7/8 X 3/16 X .062	COPPER SHT	QQ-C-501										

PARTS LIST PER ASSY.

AC —	—	4-3-43					
NAVY SOFT, LIGHT COLD ROLLED OR HARD	C	D. JAMES	4/4/43				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME: BUS - ELEC - FUSE PANEL

OPP. HAND —

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

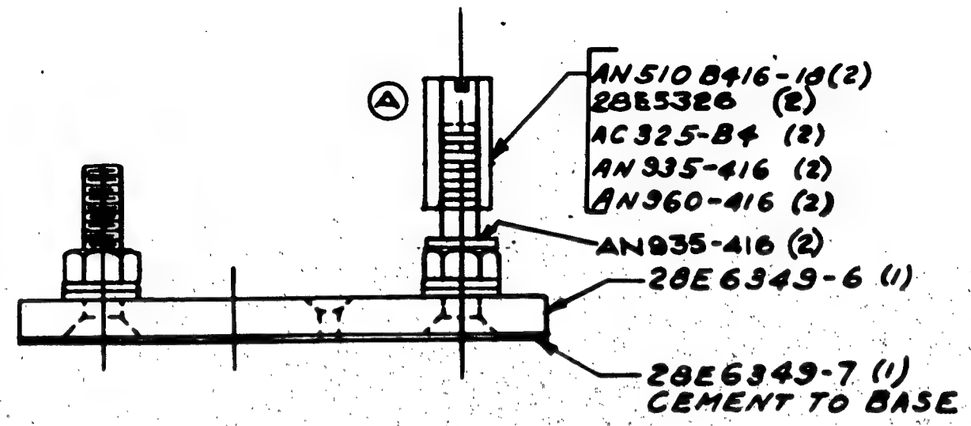
SIZE B — DWG. 28E6280

28E6280

P

B.O. A63511

LET	ALTERATION	DATE	BY
A	ADDED AN935-416(2) &		
	28E5326(2) WAS AC365B428(2)		
	REMOVED LIMITS IN REQ/A'PL'N		
	BLK FOR - ASSY PBY-5B		
	"SHIPS" 82 & ONE & ALL SPARES" &		
	CALL'D OUT FOR C-88477 ALL		
	SHIPS, WT CHG. NRC.	10-16-42	JEPSEN GW
B	ADDED MAT'L NOTE "IT IS PER-	12-5-42	BRUNER
	MISSIBLE --- AN510-B416-18"		



(B)

MATERIAL NOTE:
IT IS PERMISSIBLE TO USE THE FOLLOWING PARTS AS ALTERNATES:
AC325-4 TO REPLACE AC325-B4
AN510-416-18 TO REPLACE AN510-B416-18.

C88477

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
0	PBY-5B	28E6216	3

REQUIREMENTS PER AIRPLANE

REPLACES — GALS. WT.

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN935-416				2									
AC325-B4				2									
AN960-416				2									
AN325-416				2									
AN510B416-18				2									
28E5326				2									
28E6349-7				1									
28E6349-6				1									
-0													
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC — NAVY — HEAT TREAT — FINISH

MALIBU 6/13/42 — DRAFT: E.L. Moore — CHECK — STRUCT. — MAT. — APPROV. — ENG.

NAME: BLOCK ASSY. - ELEC. GENERATOR FUSE

OPP. HAND —

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE — 28E6350

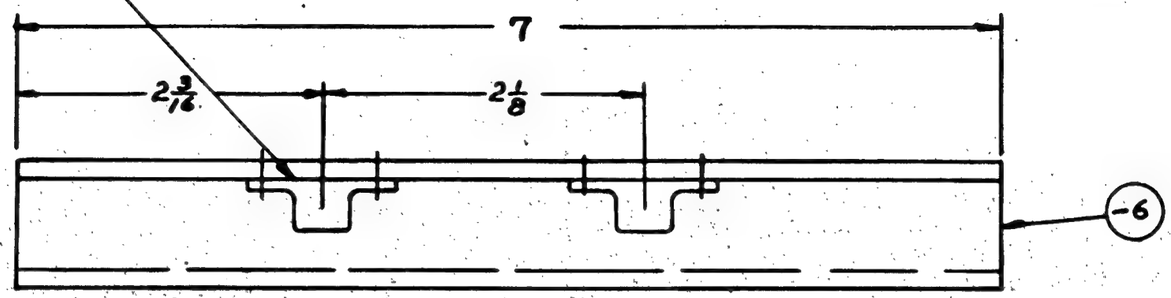
R

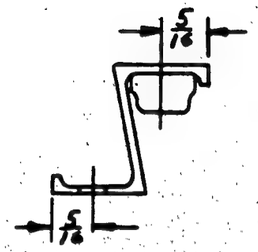
LET	ALTERATION	DATE	BY
A	AN425AD3 WAS AN442AD3		
	NO WT. CHG.	10-194	MAE
B	REMOVED ALL R.H. REQ'TS.		
	NO WT. CHG.	11-194	MAE
C	IN BM AC366DF832 (2) WAS		
	(4) # 28E6353-6 (1) WAS (2)		
	NO WT. CHG.	5-8-43	

E.O.A59394

E.O.A51691

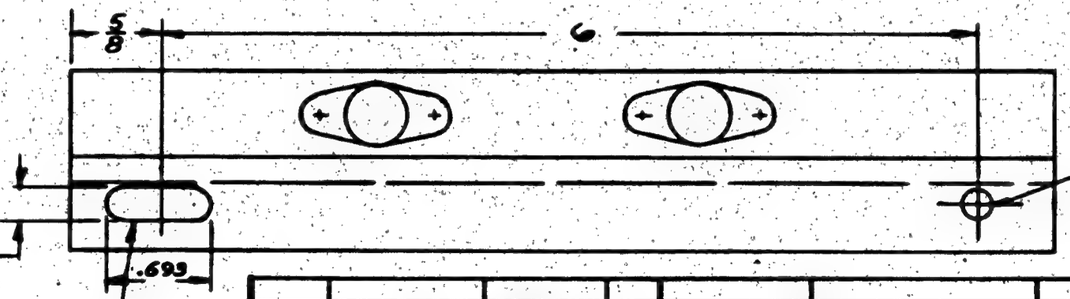
AC366 DF832
#18 (.169) 2 HOLES
AN425 AD3
(A)





FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIME



1-J-3962 SLOTTING DIE (REF)
(.193 x .693 FOR #10 SCREW

PBY-5A
S.O. 953-47
S.O. 936-100
S.O. 949-66

PBY-5
S.O. 955-34
S.O. 936-100

PBY-5B
S.O. 952-35

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
-0	PBY-5A	28E6353	2
-0	PBY-5	28E6353	2
-0	PBY-5B	28E6353	2

REQUIREMENTS PER AIRPLANE

REPLACES .10 CALC. WT.

REPLACED BY ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12"-1"-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
AN425AD3													
AC366 DF832 -6	K9048 x 7 1/2	AL. AL. EXTR.	46A9-T	2	1								

PARTS LIST PER ASSY.

AC		6-29-42		Gerber	Bowles	Grover	Weld	
NAVY	Z-P6P	Morrad	Morrad			7-27-42	7-29-42	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME BRACKET ASSY-ELEC-CAMERA SW. BOX-TAIL

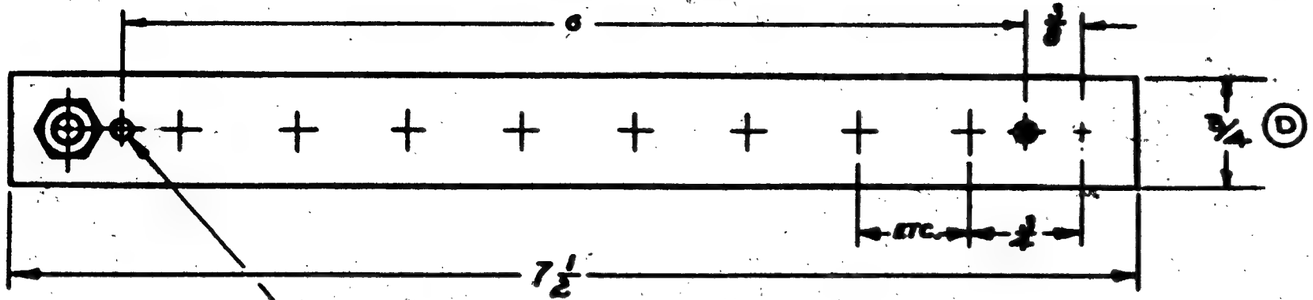
OPP. HAND

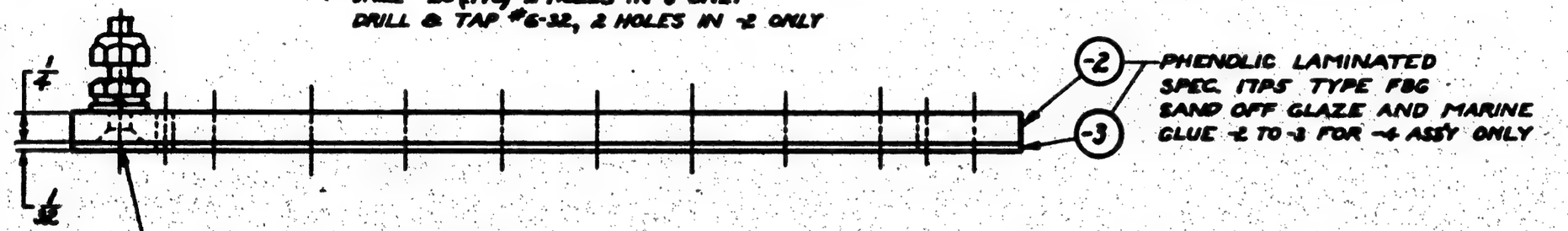
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28E6353

R 8/7/42

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	1-27-38	Simon
D	ADDED 3/8 DIM. NO WT. CHANGE	4/13/42	Gleason





SEE RELEASE SHEET

C704536, 7-7-3
& 8847L 81 THRU 93

-3	PBY-5A	29E2036	2																		
-2	PBY-5A	29E2036	2																		
	MODEL	NEXT ASSY	REQ.																		
-3	PBY-5	29E2036	2																		
-2	PBY-5	29E2036	2																		
-3	PBY-4	29E2036-3																			
-4	PBY-4	29E2036-4																			
-2	PBY-4	29E2036-2																			
-2	PBY-4	29E2036-2																			
-3	PBY-3	29E2036-3																			
-2	PBY-3	29E2036-3																			
-3	PBY-3	29E2036-2																			
-2	PBY-3	29E2036-2																			
-3	PBY-2	29E2036-3																			
-2	PBY-2	29E2036-3		AN960D10	10	10															
-3	PBY-2	29E2036-2		AN535-10	10	10															
-2	PBY-2	29E2036-2		AN510B10-16	10	10															
-4	XPBY-1	29P017		AN345B10	10	10	-3		1												
-0	XPB2Y-1	29C017		AC365B1032	10	10	29E091 -2	1	1												
QTY.	MODEL	NEXT ASSY.	REQ.	STD PARTS	-0 REQ.	-4 REQ.	PART NO.	-0 REQ.	-4 REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.				
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.																

REPLACES		APPROVED	DATE
REPLACED BY		CALC. STR.	ACT. STT.
LIMIT ON DIMENSIONS UNLESS ±	1/32"	SCALE	12" = 1'-0"

A C				1-28-37	7-9-37
NAVY NOTED	NOTED	NONE	NONE	[illegible]	[illegible] E.A.M. A
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

NAME
BLOCK ASS'Y —
ELEC — #10-10 TERMINAL

OPP. HAND

SIZE B

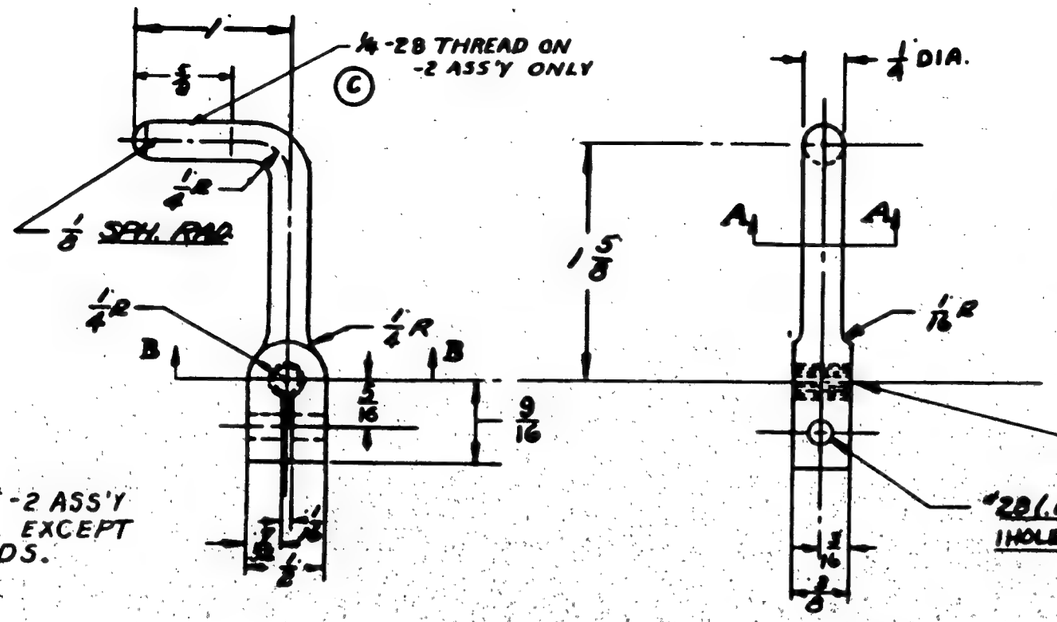
29E091

BREWSTER E.O. 552

E.O. A 57288

E.O. A50874A

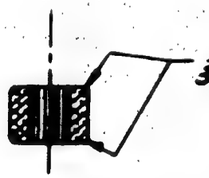
LET	ALTERATION	DATE	BY
A	MATR'L SPEC. 46A1-C1-4, WAS 46A14-C1-1. WT. CHG. NEG.	7-29-42	
B	ON REQT/SUBSTANCE FOR PBY-5 SEA SOF 28-5AMN CHG'D. NO. FROM 28E6295 TO 28E5247 — NO WT. CHG.	9-8-42	
C	CREATED EASSY. WT. CHG. NEG.	9/28/42	



SECTION A-A

NOTE:
-0 ASS'Y. & -2 ASS'Y ARE IDENTICAL EXCEPT FOR 1/4-28 TH'DS.

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE



SECTION B-B

#12.6 & ON
#1 - #125
C88476 - #53 & ON
C9187G - #91 & ON

ASSY. DASH NO	MODEL	NEXT ASSY.	QTY
-2	PBY-5B	28E5247	1
-0	PBY5B	28E5247	1
-2	PBY 5A	28E5247	1
-2	PBY 5	28E5247	1
-2	28-5AMN	28E5247	1
—	PBZY-3	29E3011	1

REQUIREMENTS PER AIRPLANE

REPLACES	.01 Calc. Wt.
REPLACED BY	Asy. Wt.
UNLESS OTHERWISE SPECIFIED ± 1/64	SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-0	CASTING	ALUM. ALLOY	46A1 C1-4	1		1							
		PARTS LIST PER ASSY.		-0		-2		-3		-4		-5	

AC		F.D. Fox	
NAVY NONE	Z-P-AP EXCEPT BEARINGS	11/3/40	11/15/40
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / APPROV / ENG.

NAME TRUNNION CONTACT - ELEC. - FLOAT DOWN LIMIT SWITCH.

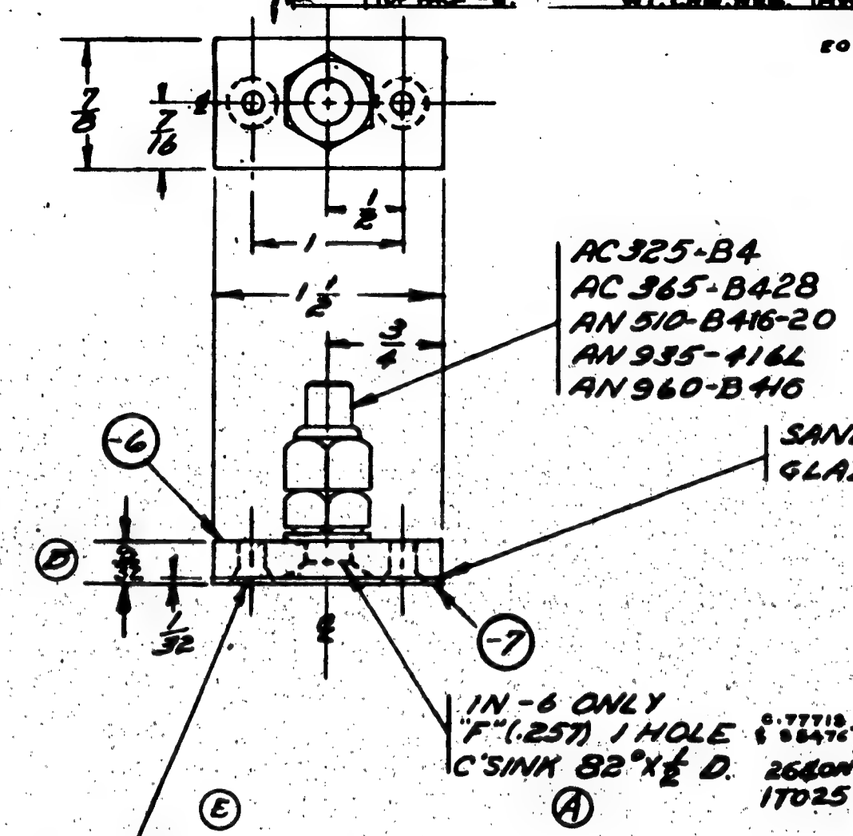
OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

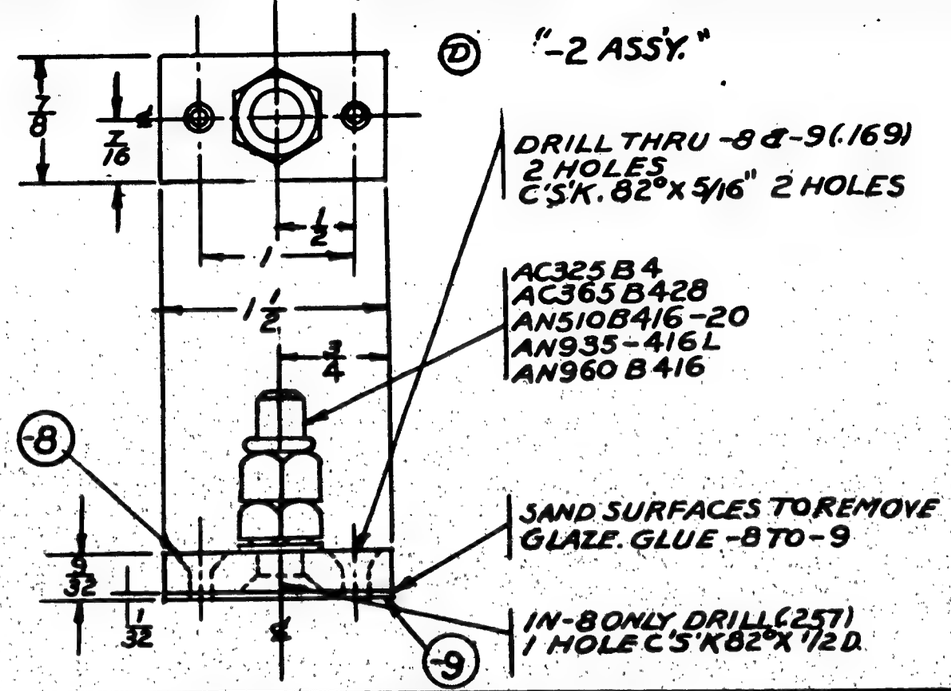
DWG. SIZE B — 29E3013

R W.C.H.

LET	ALTERATION	DATE	BY
	WAS C'SINK .82° x 1/4 (2 PLCS) ON BOTTOM FACE = T. .. NOT CHG. NEG.		
F	C'SINK .82° x 1/8 (3 PLACES) ON BOTTOM FACE WAS C'SINK .82° x 5/16 (3 PLACES) ON TOP FACE -6. WT. CHG. NEG.		
	ON FACE OF DWG. & IN B/M CREATE -2 ASS'Y. CONSISTING OF -8 & -9. ADDED TO REQ. PER AIRPLANE BLOCK 29E3302 (2) 29E3175 (1) 29E3176 (1) NO WT. CHG.	11/1/43	HILLEY
E	C'SINK .82° x 5/16 DEEP (2 PLCS) ON TOP FACE		
A	ADDED C'SINK .82° x 1/4 2 PLACES		
	C'SINK .82° x 1/8 WAS C'SINK .82° x 5/16 DP. ADDED NOTE TO SEE RELEASE NOTICES FOR REQ. PER AIRPLANE	5-21-41	
B	1/32 WAS 1/4	6-14-41	W. Long
C	ADD ALT. MAT'L NOTE "T"--AN960-416		



(D) "-2 ASS'Y."



FOR XPB2Y-3, SEE RELEASES

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28E50	2
-2	PB2Y-3	29E3176	1
-2		29E3173	1
		29E3158	2
-2		29E3302	2
	PB2Y-5	29E3132	4

REQUIREMENTS PER AIRPLANE

REPLACES	.02 CALC. WT.
REPLACED BY	ACT. WT.
1/32	SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH RH REQ. -0	LH RH REQ. -2	LH RH REQ. -3	LH RH REQ. -4	LH RH REQ. -5
-9	1/32 X 7/8 X 1 1/2	PHENOLIC LAMINATED TYPE FBG			1			
-8	1/4 X 7/8 X 1 1/2	PHENOLIC LAMINATED TYPE FBG			1			
AC365-B428					1			
AC325-B4					1			
AN960-B416					1			
AN935-416L					1			
AN510-B416-20					1			
-7	1/32 X 7/8 X 1 1/2	PHENOLIC LAMINATED TYPE FBG		1				
-6	1/4 X 7/8 X 1 1/2	PHENOLIC LAMINATED TYPE FBG		1				

PARTS LIST PER ASSY.

(C) MATERIAL NOTE:
IT IS PERMISSIBLE TO USE THE FOLLOWING PARTS AS ALTERNATES:
AC325-4 TO REPLACE AC325-B4.
AC365-428 TO REPLACE AC365-B428
AN510-416-20 TO REPLACE AN510-B416-20
AN960-416 TO REPLACE AN960-B416.

"-0 ASS'Y."

AC		4-3-41	DRAWN E.N.M.
NAVY NONE	NONE	REVISED	CHECK
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / MAT. / APPROV.

NAME BLOCK ASS'Y -ELEC- TERMINAL

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

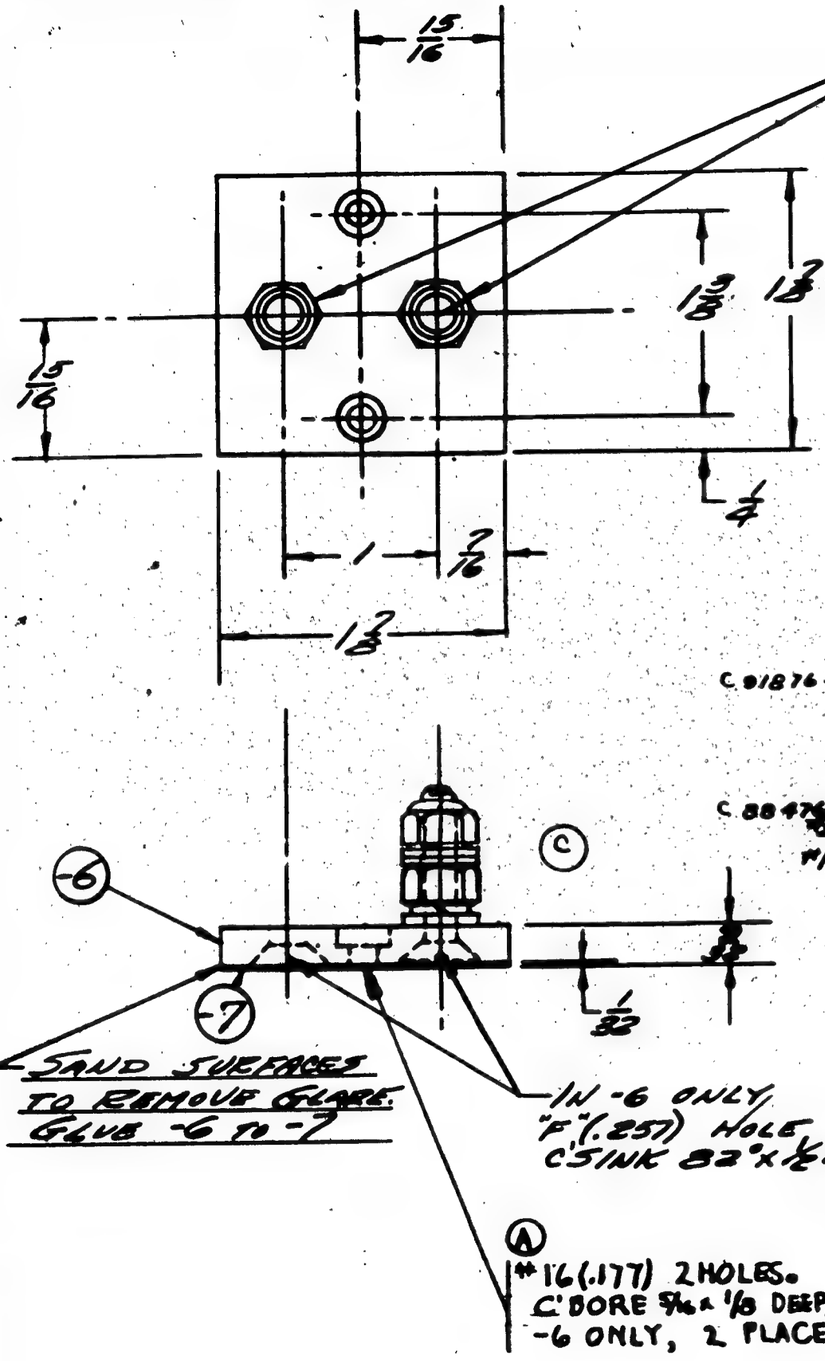
OPP. HAND

SIZE B — 29E3133

29E3133

R GOODYEAR

LET	ALTERATION	DATE	BY
A	REMOVED "TAP #8-32 NC-3 2 PLACES"		
	ADDED #16 (.177) & C'BORE 5/16 X 1/8 DEEP, 2 PLACES"	11-26-41	[illegible]
B	ADD. ALT. MAT'L. NOTE "IT IS --- --AN510-B416-20." NEG. WT. CHG. [illegible]		
C	AC364-B428(2) wlas AC365-B428(2)		
	ADDED AN960-B416(4). WT. CHG. NEG. 3-1643 FUNK		



AC325-B4 (2)
AC364-B428 (2)
AN510-B416-20 (2)
AN960-416 (2)
AN935-416L (2)
AN960-B416 (4)

(C)

(B) MATERIAL NOTE:
IT IS PERMISSIBLE TO USE THE FOLLOWING PARTS AS ALTERNATES:
AC325-4 TO REPLACE AC325-B4.
AC364-428 TO REPLACE AC364-B428.
AN510-416-20 TO REPLACE AN510-B416-20.

	MODEL	NEXT ASSY.	REQ.
	28-5AMN	28E6218	2
	XPB2Y-4	28E4012	4
	PBY-5	28E6218	2
	PBY-5B	28E6184	2
	PBY-5B	28E6218	2
	PBY-5B	28E6176	1
	PBY-5A	28E6187	2
	PBY-5A	28E6218	2
	PB2Y-3	29E3176	1
	PB2Y-3	29E3176	1
	PB2Y-3	29E3264	2
	PB2Y-3	29E3264	2
	PB2Y-3	29E3346	2
	PB2Y-3	29E3365	2

REQUIREMENTS PER AIRPLANE

REPLACES — GALS. WT.

REPLACED BY — ASY. WT.

SCALE 12" = 1"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
	AC325-B4			2					
	AC364-B428			2					
	AN960-B416			4					
	AN510-B416-20			2					
	AN960-416			2					
	AN935-416L			2					
-7	1/32 x 1 3/8 x 1 3/8	PHENOLIC LAM.	17PS-PBG-S	1					
-6	3/32 x 1 3/8 x 1 3/8	PHENOLIC LAM.	17PS-PBG-S	1					

PARTS LIST PER ASSY.

AC
NAVY None
HEAT TREAT

None
FINISH

DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.

NAME BLOCK ASS'Y - ELEC. DOUBLE TERMINAL

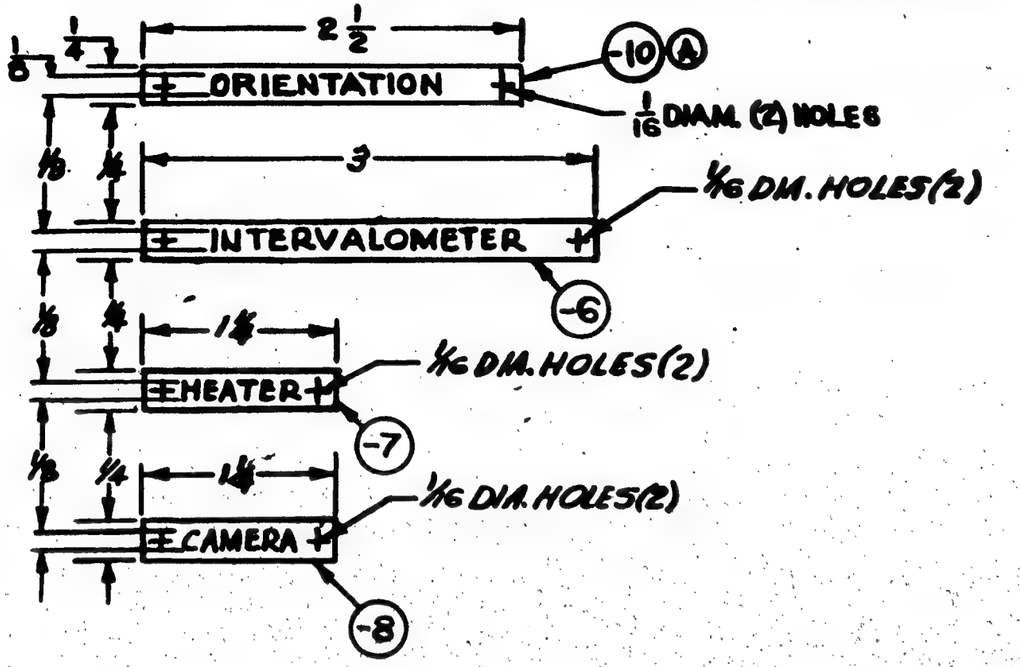
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND None

DWG. B SIZE 29E3442

R

LET	ALTERATION	DATE	BY
A	ADDED -10 ADDED -6F REQ'D IN LIEU OF -6 NEXT ASS'Y 32E3379; ADDED -6, -7 & -8 REQ'TS (1 EA.) NEXT ASS'Y 32E3388, PER MCR 1250	12/6/42	[illegible]



NOTE:-
COAT BOTH SURFACES WITH L-60 WATER PROOF SEALER AFTER SCREENING OR LITHOGRAPHING WITH DULL WHITE LETTERS ON BLACK GROUND.

NOTE:- WHEN 'F' FOLLOWS PART NO. ALL LETTERS TO BE RECESSED & FILLED WITH PALE GREEN FLUORESCENT LACQUER (NO. 10 U.S. RADIUM CO. OR EQUIVALENT). BACKGROUND DULL BLACK.

	ASS'Y DASH NO.	MODEL	NEXT ASSY.	REQ.
MCR 125(1)	-8	B24H	32E3381	1
	-6	B24D	32E3381	1
	-10F	B24H	32E3379	1
	-10F	B24D	32E3379	1
	-6	PBY-6A	32E3381	1
	-6F	PBY-5A	32E3379	1
	-6F	PBY-6	32E3379	1
MCR 125(2)	-6	B24	32E3381	1
	-7	B24	32E3381	1
	-6F	B24	32E3379	1
	-6	B24D	32E3381	1
	-7	B24D	32E3381	1
	-6F	B24D	32E3379	1

REQUIREMENTS PER AIRPLANE

REPLACES	.002 GALS. WT.
REPLACED BY	ASY. WT.
UNLESS OTHERWISE SPECIFIED	SCALE 12"-1'-0"
1/32	

STAMP PART NUMBER WHERE SHOWN

PURCHASE TO DWG.

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-10	1/32 X 1/4 X 2 1/2	HARD RED FIBRE-COMM.											
-9	1/32 X 1/4 X 1 1/4	HARD RED FIBRE-COMM.											
-7	1/32 X 1/4 X 1 1/4	S	S										
-8	1/32 X 1/4 X 3	HARD RED FIBRE-COMM.											
PARTS LIST PER ASSY.				0		-2		-3		-4		-5	

AC	L-60 WATER PROOF SEALER	STD MAN HRS				
NAVY		7-27-42	[illegible]	[illegible]	[illegible]	[illegible]
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG.

NAME NAME PLATES-ELEC.-CAMERA RECEPTACLE

OFF. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B

32E1964

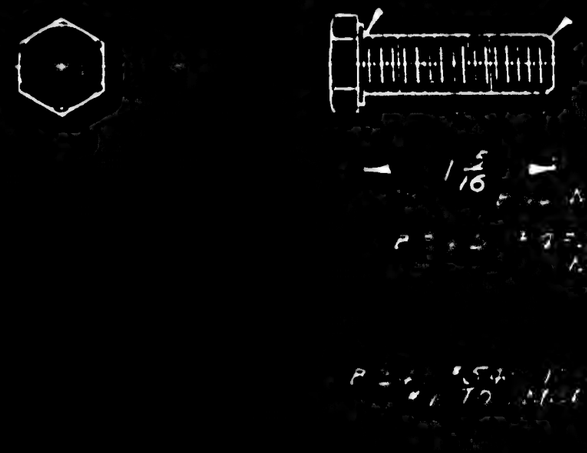
32E1964

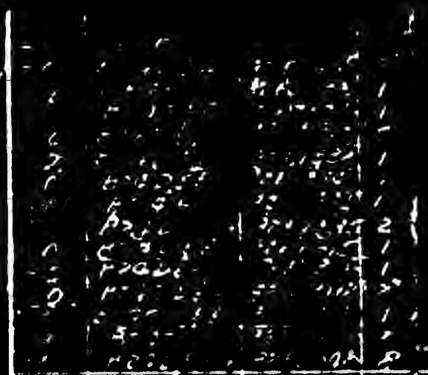
R

LET	ALTERATION	DATE	BY
D	TRACED		
E	LIMITED DOUBLE ARROW LEADERS FOR		
	CLEAR VIEW OF CONICAL RADII. ADDED		
	HEADER VIEW LEADERS ENLARGED		
	PER ECR [illegible]	[illegible]	[illegible]

THREAD TO SHOULDER
& UNDERCUT 2 THREADS

CHAMFER 45° X 2/32





ASSY DASH NO	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

REPLACES

REPLACED BY

STAMP PART NUMBER WHERE SHOWN

AN3-17A

PART No	STOCK	MATERIAL	SPEC	ST PER ASSY	LH REQ. -0	RH REQ -2	LH REQ -3	RH REQ -4	LH REQ	RH REQ

AC — CAD PLATE

NAVY

HEAT TREAT — FINISH — DRAFT — CHECK — STRUCT — MAT — APPROV

NAME BOLT ELBOW - SPECIAL BATTERY

OPP HAND

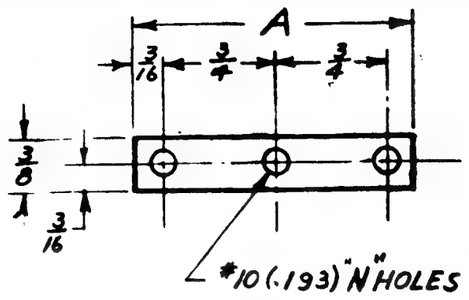
DWG B 42E5193

SIZE

CONSOLIDATED AIRCRAFT CORP SAN DIEGO, CALIF

32 ETCH

LET	ALTERATION	DATE	BY
	E.O. A43529 E.O. A62922		
A	5 5/16 DIM. WAS 6 3/16. NEG. WT. CHG.	7-2-42	[illegible]
B	-2 ASSY. WAS -3 FOR N.A. 33E1085. ADDED -4 & -5		
	ASSY. CREATED -9 ADDED N/A. NO WT. CHG.	12-11-42	THOMPSON
C	E.O. A30154 N/A 33E910 WAS 33E1085. FOR -2 & -4		
	XB-32 & YB-32 WT. CHG. NEG.	1-26-43	GOULETTE
D	REM'D YB-32 REQ. PER C.O. 3-17-43 NO WT. CHG.	4-19-43	Markle



DASH NR	DIM. "A"	N	WT.
-2	1 1/8	2	.004
-3	1 7/8	3	.008
-4		4	
-5		5	
-6		6	
-7		7	
-8	5 5/16	8	.028
-9	6 1/4	9	.032

N = NR OF HOLES.

-4	XB-32	33E910	1
-2	XB-32	33E1185	1
-8	XB-32	33F175	1
-3	XB-32	33F351	4
-8	XB-32	33F1116	1
-6	XB-32	33E910	1
-2	XB-32	33E910	1
-9	XB-32	33E910	1
-2	XB-32	33F1116	2
ASSY. DASH NO	MODEL	NEXT ASSY.	REQ

REQUIREMENTS PER AIRPLANE

REPLACES — NOTED — CALC. WT.

REPLACED BY — ACT. WT

LIMIT ON DIMENSIONS WITHOUT OTHERWISE SPECIFIED ± 1/64 — SCALE 12"-1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
33E1104	.040 x 3/8 x A	COPPER	QQC501-VA	-0	[redacted]	[redacted]		[redacted]		[redacted]		[redacted]	

PARTS LIST PER ASSY.

AC	ZF-33-001	4/13/42	[illegible]	[illegible]	CMC			
NAVY		LIBERATOR PROD.	4/13/42					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME BUS BAR-ELEC.-TERMINAL STRIP ADAPTER

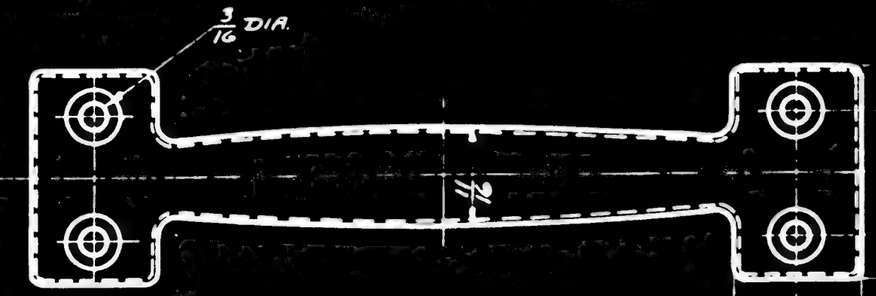
OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

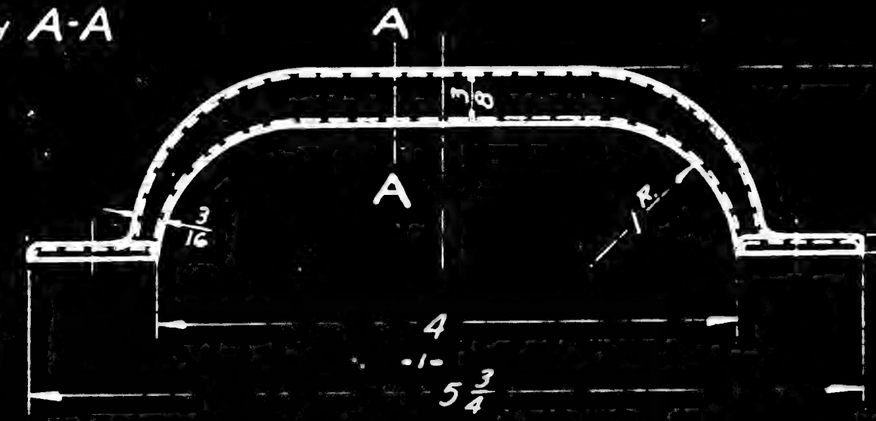
DWG. SIZE B — 33E1104

R 5-21-42

33E1104 C



SECTION A-A



FINISH - C.P.

V

MFD BY STANLEY HDW. CO

LET.	CHANGED	DATE	CH. BY
V	FINISH WAS - C.P. / AKV-2ER	3-25-42	DE MAN
U	ADDE. PB2Y-2 REQMTS.	12-7-39	Chevalier
T	PBY-1 REQ. ADDED	5-27-36	Bowery
S	PBY-1 REQ ADDED	5-11-36	C.K.E.
R	ARGT. TO DATE & TRACED	3/12/35	KITE

OPPOSITE HAND

DRAWING APPLIES ON: AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	DETAIL PARTS PER ASSEMBLY: STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PB2Y-3	29B1250						
PB2Y-2	29B1250						
PB2Y-2	29F1956	2	2				
PBY-4	SEE B/M 3H'T						
PBY-3	SEE B/M 3H'T						
PBY-2	SEE B/M 3H'T						
PBY-1	28B1316						
PBY-1	28B1315						
PBY-1	28F295		2	B24A	32B067		1
XPBY-1	28F295		2	B24	32F950		1
20	20F042		2	B24	32B067		1
20	20F020		1	A1824	32F950		1
17	17B127		1	A1824	32B067		1
16	16H105		2	PBY-5A	SEE B. M.		
16	16H100		2				
16	16H109		2				
16	16F039		1				
16	16F039		7				
16	16F003		6				
16	16F144		2				
PB2Y-2	22H562	1	1				
PB2Y-2	22311	1	2				
PB2Y-2	22H143-1	1	1				
PB2Y-2	22H143	1	1				
PB2Y-2	22F146	2	2				
PB2Y-2	22F126	1	1				
PB2Y-3	22H562	1	1				
PB2Y-3	22H311	1	2				
PB2Y-3	22H143-1	1	1				
PB2Y-3	22H143	1	1				
PB2Y-3	22F146	2	2				
PB2Y-3	22F126	1	1				

DUPL

SHIPS 1-13

NAVY APPROVED
5-22-1[illegible]
DATE

CALC WT.	ACT. WT.
.180	.180

SCALE 1/1

MATERIAL	STEEL	DRAFTSMAN	W.M.	8-29-[illegible]
SPEC'S. NO.:	COMM.	STRENGTH & WT. EXAM.	[illegible]	[illegible]
HEAT TREAT	NONE	CHECKED		
FINISH	NOTED	APPR'VD. & REL'S'D.		

HANDLE - STANLEY

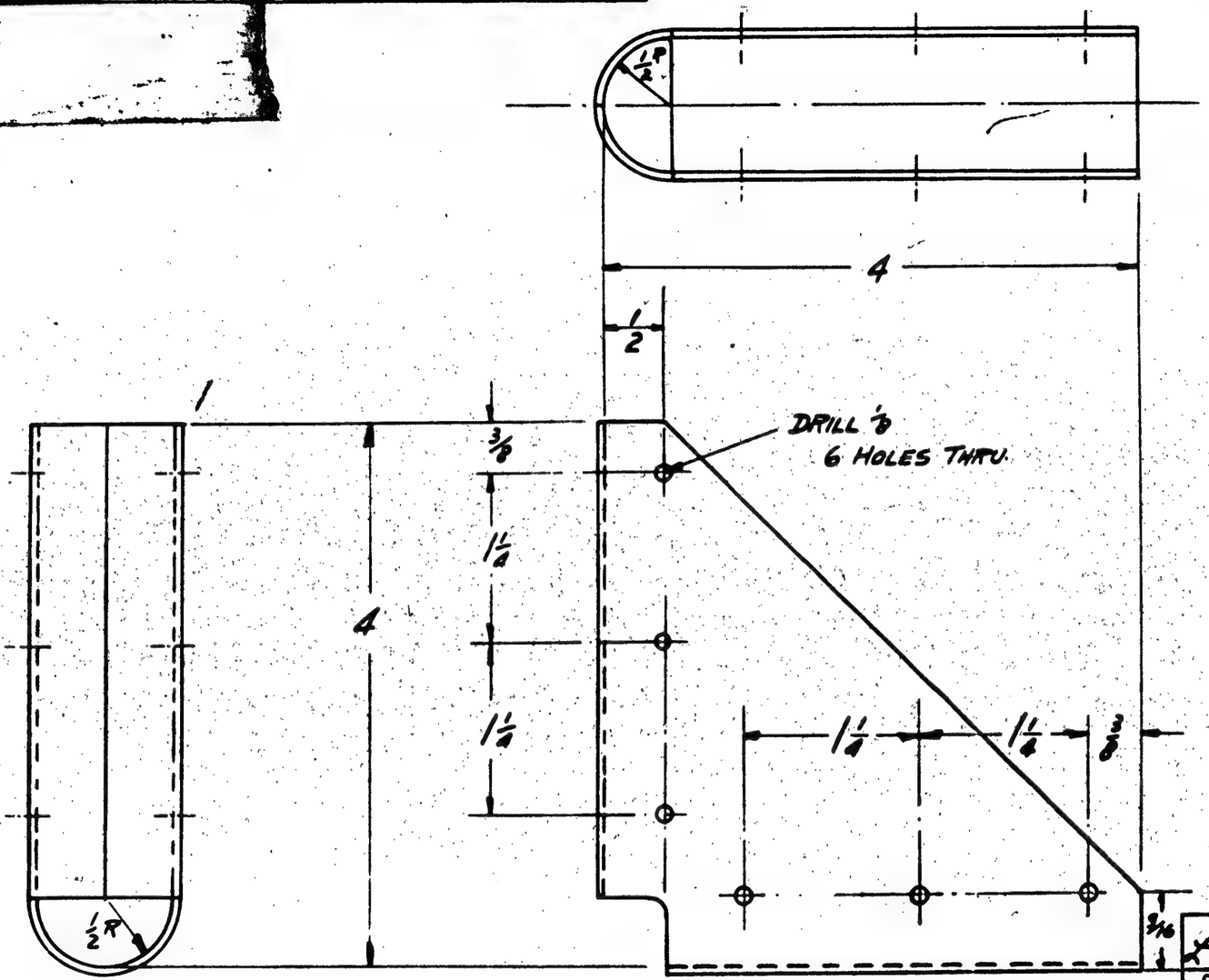
CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 9F0[illegible]

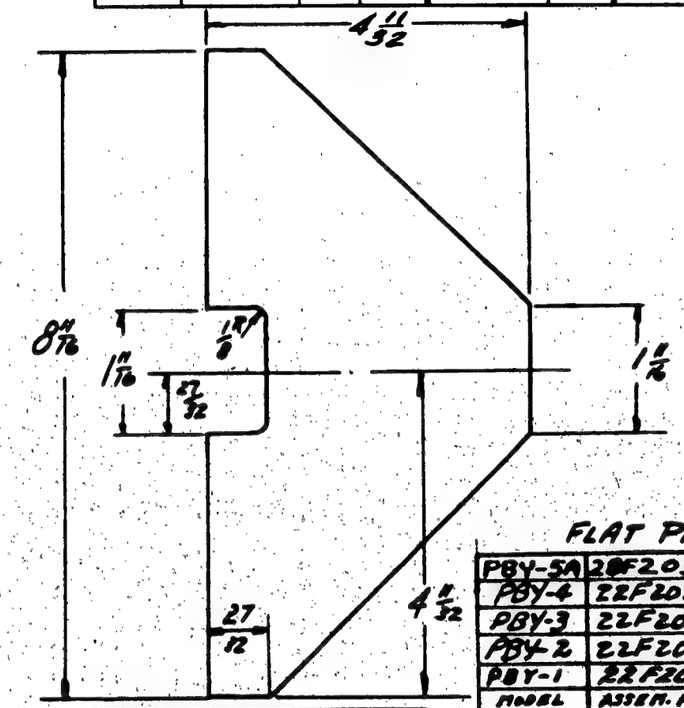
GOODYEAR

[redacted]

OPPOSITE HAND

DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D





FLAT PATTERN.

PBY-5A	28F203		16
PBY-4	22F202		
PBY-3	22F202		
PBY-2	22F202		
PBY-1	22F202	4	4
MODEL	ASSEM. NO.	QTY PER ASSY	QTY PER A/C
XPBY-1	28F202		
PBY-2	22F202	4	4
PBY-2	22F1113	4	4
PBY-2	22F039	4	4
PBY-2	22F036	4	4
PBY-3	22F1113	4	4
PBY-5	22F039	4	4
PBY-5	22F036	4	4

CALC. WT.	ACT. WT.
.102	.11

NAVY APPROVED 10-28-35 DATE

SCALE 1/1 & 1/2

MATERIAL	.040 AL. ALLOY SH.	DRAFTSMAN	E.P.R.	8-3-31
SPEC'S. NO.:	47A10 COND. "T"	STRENGTH & W'T.EXAM.		
HEAT TREAT	NONE	CHECKED		
FINISH	NONE	APPR'VD. & REL'S'D.		

GUSSET - FURNISH. - BUNK CORNER

CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22F038

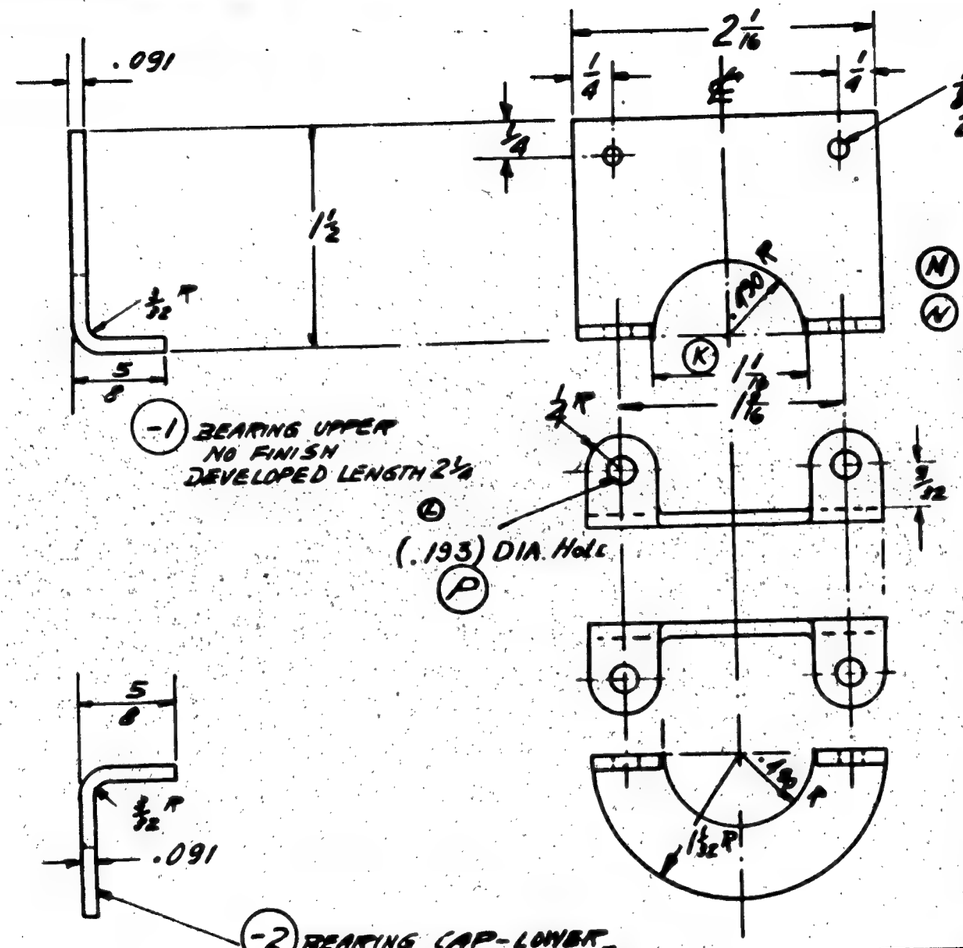
	CHANGED	DATE	CH. BY
F	WAS COND. "A" MAT'L	6-23-37	CBA
E	PBY-1 ADDED; MAT'L. WA 1750	10-26-35	JAFE
D	BRGT TO DATE & TRACED	3/12/35	KITE

BLUE PRINT PAPER CO., INC. BUFFALO NAVILUS PERFECT CLOTH

[redacted]

OPPOSITE HAND

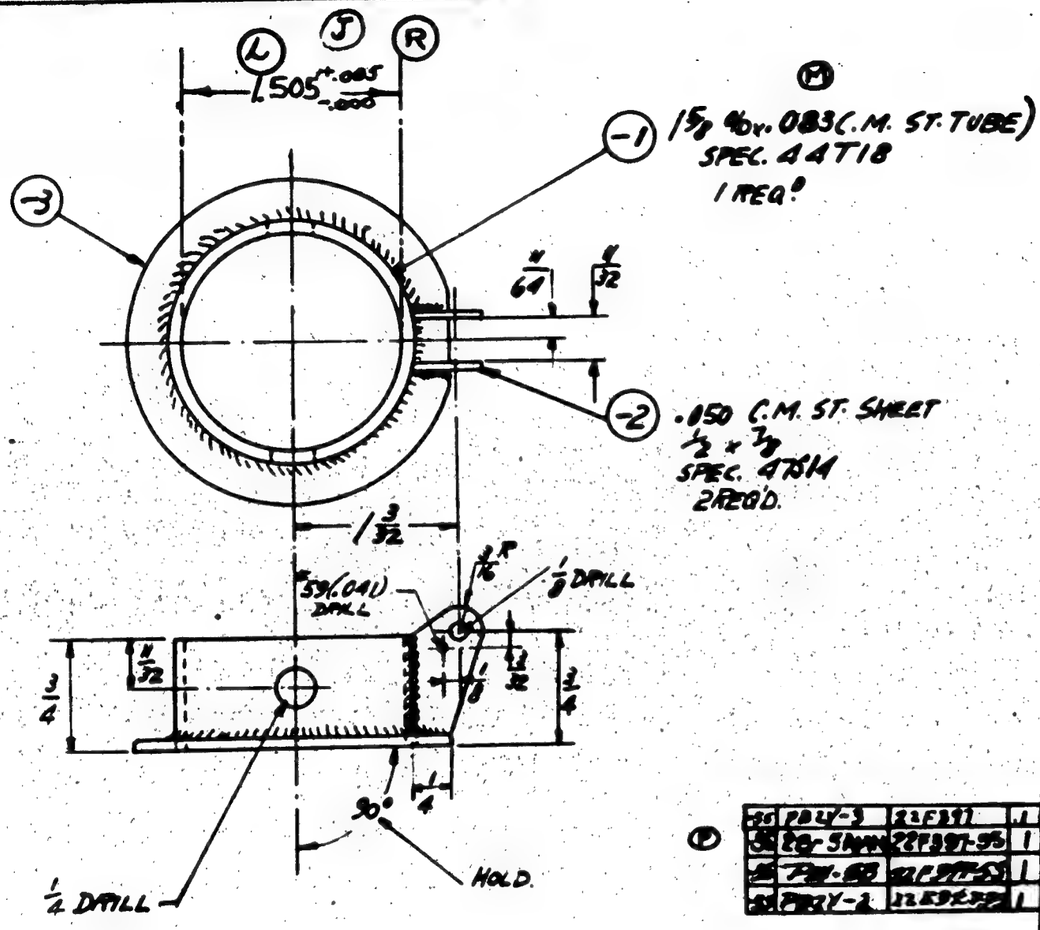
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D

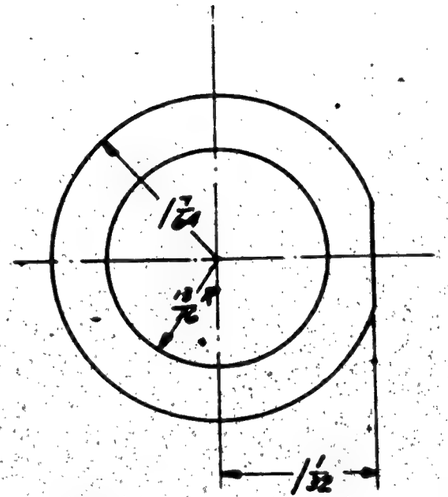


22F040-M-2	PBY-4	28F3109					
22F040-M2	PBY-3	28F3109					
22F040-M1	PBY-2	28F3109					
22F040-M	PBY-1	28F3109					
22F040-1	XPBY-1	28F0821					
22F040-1	PBY-2	22H042					
22F040-1	PBY-2	22H041					
22F040-1	PBY-2	22H017					
22F040-1	PBY-2	22H696					
22F040-1	PBY-2	22H0626-4.8					
22F040-1	PBY-2	22H0626-4.6					
22F040-1	PBY-2	22H0626-4.4					
22F040-1	PBY-2	22H0626-4.2					
22F040-1	PBY-2	22H0626-3.75					
22F040-1	PBY-2	22H0626-3.50					
22F040-1	PBY-2	22H0626-3.25					
22F040-1	PBY-2	22H0627					
22F040-1	PBY-2	22F0825					
22F040-1	PZY-3	22F0820					
22F040-1	PZY-3	22H042					
22F040-1	PZY-3	22H696					
22F040-1	PZY-3	22H1046-3.75					
22F040-1	PZY-3	22H1046-3.5					
22F040-1	PZY-3	22H1046-3.25					
22F040-1	PZY-3	22H1028					
22F040-2	PZY-3	22F425	10	10			

[redacted]

OPPOSITE HAND								
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:				
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D	





-3 .063 x 2 1/4 x 2 1/4 C.M. ST. SHEET
SPEC. 47514
1 REQ'D.

FINISH - COAT [redacted]

NOTE:- REWORK 22F399 WHICH HAS BEEN MADE OBSOLETE.

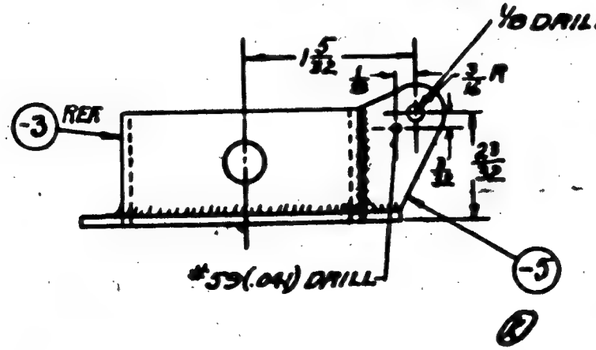
P	PBY-3	22F397	1					-55	PBY-5	22F397-55													
	28-5AN	22F397-55	1	-55	28-5AN	22F397-55	1		PBY-4	22F397													
	PBY-6B	22F397-55	1	-55	28-5AN	22F397-55	1		PBY-3	22F397													
	PBY-2	22F397-55	1	-55	28-5AN	22F397-55	1		PBY-2	22F397													
				-55	28-5AN	22F397-55	1		PBY-1	22F397										-5	-	2	
				-55	28-5AN	22F397-55	1		XPBY-1	22F397	1	1								-3	1	1	
				-55	PBY-5A	22F397-55	1	-	PBY-2	22F397	1	1								-2	2	-	
	NAVY APPROVED 10-28-35 DATE								PBY-3	22F397	1	1								22F401-1	1	1	

CALC. WT.	ACT. WT.	AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	-6	-55
.128#	.125#									

SCALE 1/1	DRAWING APPLIES ON:	DETAIL PARTS PER ASSEMBLY:	
MATERIAL NOTED	DRAFTSMAN	M.A.C.	3-26-32
SPEC'S. A.C. NAVY NO.: NOTED	STRENGTH & W'T. EXAM.	MILLER.	
HEAT TREAT NAF 5H-27-1	CHECKED		
FINISH C	APPR'VD. & REL'S'D.		

COLLAR-FUPN. - BOMBERS SEAT SUPPORT - ASSEM.

CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22F401



LET.	CHANGED	DATE	CH. BY
R	1.505 +.005 -.000 WAS 1.498 +.005 -.002 DIA.	2-18-42	[illegible]
P	ADDED 28-5 AMN TO BM.	2-24-42	Powell
M	1 5/8 OD TUBE WAS .065 WALL	2-24-42	Powell
L	DIM. 1.498 +.005 -.002 WAS 1.505 +.005 -.000	2-7-42	Powell
K	-5 REQUIRES -2 FOR -55 ASSY.	12-1-39	Thomas
K	ADDED PBY-5 REQ'D.		
J	1.505 +.005 -.000 DIA. ADDED	8-7-36	E.K.E.
H	PBY-1 ADDED	10-25-35	JAITE
G	TRACED & BROUGHT UP TO DATE	3-11-35	F.A.T.

W/O #A42314

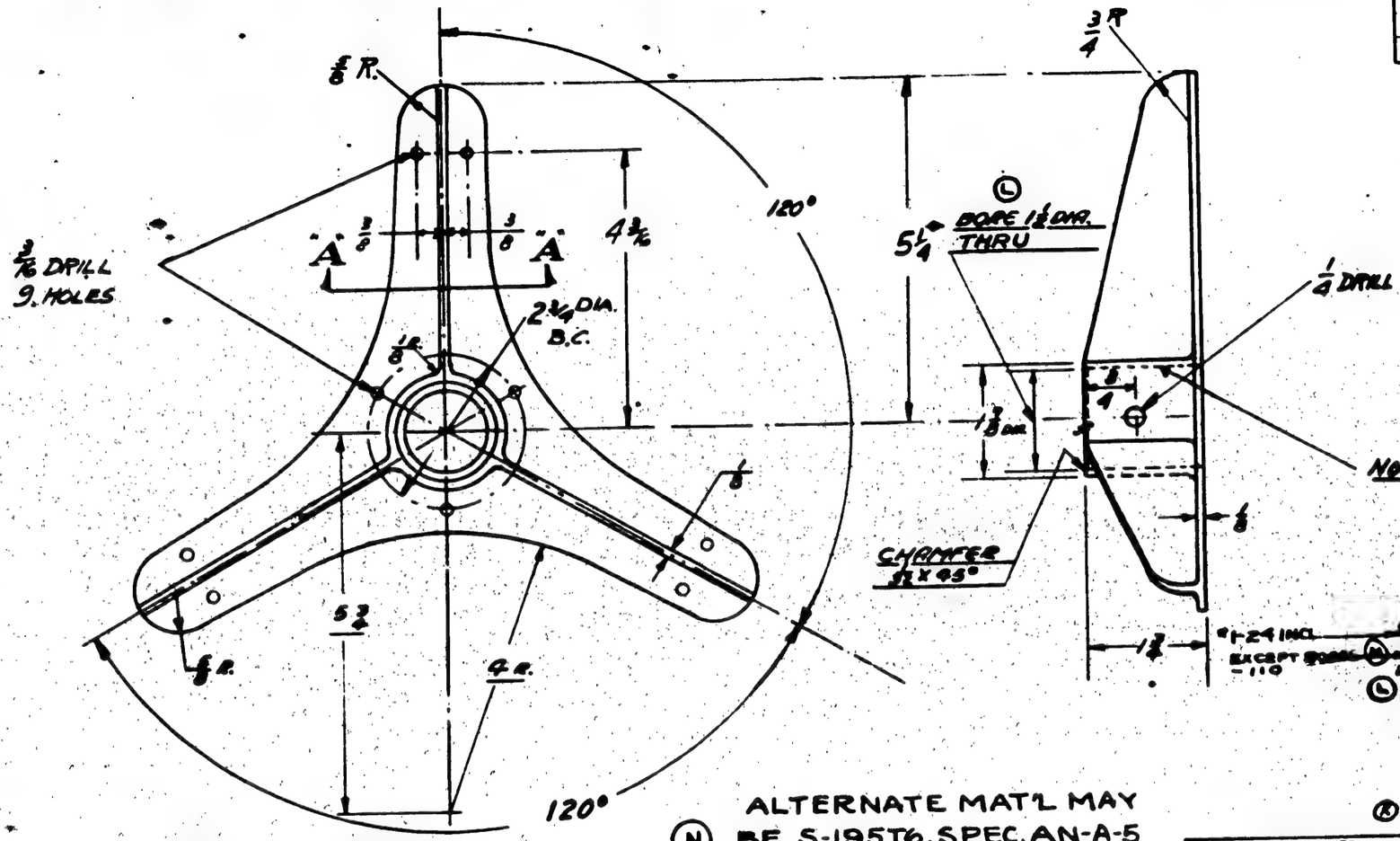
8

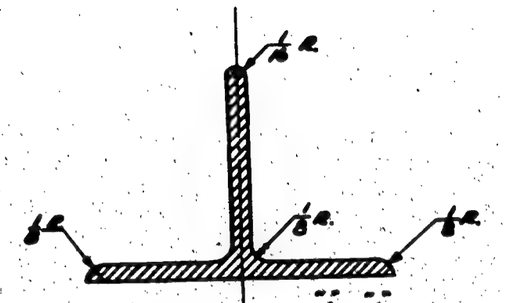
[redacted]

[redacted]

OPPOSITE HAND

DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D





SECTION A-A
FULL SIZE

(N) ALTERNATE MAT'L MAY BE S-195T6, SPEC. AN-A-5 CL. II. 32,000 P.S.I.

(G)

M	REMOVE 28F1062 ASSY FOR PBY-2 & -3	6-18-37	WEIR
M	CHANGE 28F1093 ASSY TO 28F1062-6	6-18-37	WEIR
L	PBY-2 & PBY-3 ADDED	4-22-37	WEIR
L	1 1/2 DIA BORE WAS 1 5/8 DEEP	4-22-37	WEIR
L	REMOVED 1 1/4 DIA BORE	4-22-37	WEIR
K	ASSEMBLY NO. CHANGED FROM 28F1062 TO 28F1093 - NO 28F1093 - 22F400	3-19-36	[illegible]
I	ADDED DIM'S & SECTION A-A	1-31-36	[illegible]
H	PBY-1 ADDED	10-25-35	[illegible]
G	REMOVED NOTE "MAKE FROM BRACKET 22F411"	10-25-35	WEIR
F	TRACED & BROUGHT UP TO DATE	3-11-35	F.D.J.
LET.	CHANGED	DATE	CH. BY

N	ADDED ALT. MAT'L NOTE	4-3-37	BOWEN
	ADDED REPLATING NOTE		
	AN-QQ-A-390 CL. I. WAS 46-		
	ALCLAD H.T. 32000 P.S.I.		
	WAS SAE 4130		

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

L	PBY-3	28F1062-6	1	1			
	PBY-4	28F1062-6	1				
L	PBY-3	28F1062-6	1	1			
L	PBY-2	28F1062-6	1	1			
	PBY-1	28F1093	1	1			
	PBY-1	28F1062	1	1			
K	XPJY-1	28F1093	1	1			
	XPJY-1	28F1062	1	1			
	PBY-2	22F400	1	1			
	PBY-3	22F400	1	1			

NAVY APPROVED	CALC. WT.	ACT. WT.	AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
RCW 10-28-35 DATE	.74	.76								
SCALE 1/2 & 1/4			DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			

MATERIAL	AL. ALLOY CAST'G 195T4	DRAFTSMAN	W.J.S. 9-30-37
SPEC'S.	NO.: AN-QQ-A-390 CL. I	STRENGTH & WT. EXAM.	MILLER
HEAT TREAT	29,000 P.S.I.	CHECKED	
FINISH	Z-3 AKV (EXCEPT AS NOTED)	APPR'VD. & REL'S'D.	

BRACKET - FURNISH - BOMBER'S SEAT

CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 28F405

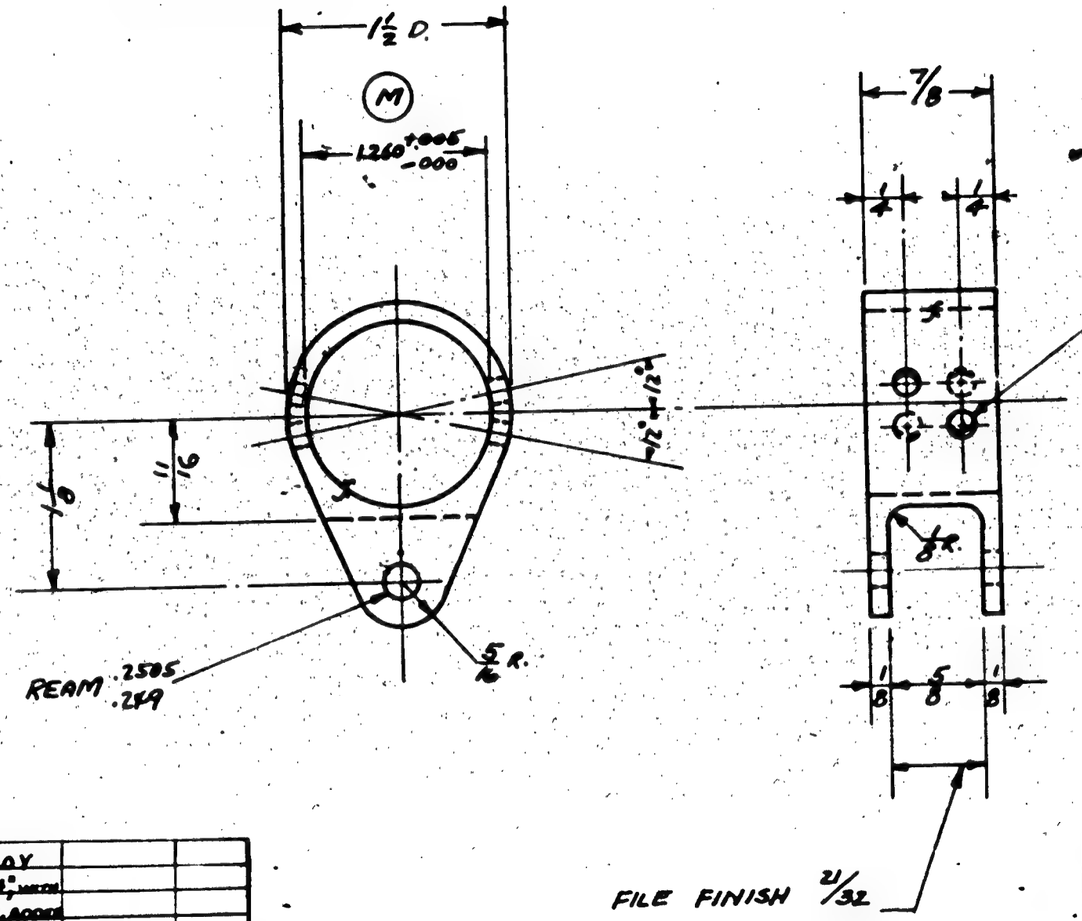
RE

SULLIVAN-SANDERSON CO., INC. BUFFALO HAVILAND PERKINS CLOTH

[redacted]

OPPOSITE HAND								
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5	28F203		6				
PBY-5A	28F203		6				
PBY-4	28F203		6				
PBY-4	28F203		6				
PBY-3	28F203		6				
PBY-3	28F203		6				
PBY-5	28F202		3				
PBY-5A	28F202		3				

NOTE:
MATERIAL MAY BE:
(1-) 195T4 AL. ALLOY CASTING, SPEC AN-QQ-A-390 CL I, H.T. 29,000 #/□", OR
(2) S-195-T6 AL. ALLOY CASTING, SPEC AN-A-5 CL II, H.T. 32,000 #/□".



(N)

PBY-4	28F2041		
PBY-4	28F203		
PBY-3	28F2041	3	3
PBY-3	28F203	3	3
PBY-5A	28F203		6
PBY-2	28F2041	3	3
PBY-2	28F203	3	3
PBY-4	28F2041	3	3
PBY-4	28F203	3	3
PBY-3	28F203	6	6
PBY-2	28F202	6	6
PBY-1	28F202	6	6
XPBY-1	28F202		
PBY-2	22F042	3	3
PBY-2	22F038	3	3
PBY-2	22F036	2	2
PBY-2	22F1113	2	2
PBY-3	22F039	3	3
PBY-3	22F036	2	2
PBY-3	22F1113	2	2

LET.	CHANGED	DATE	CH. BY
P	IN ○M, REPLACED "AL. ALLOY CASTG., 4 GALC., SA-12-CL-A" WHERE "NOTED" ON FACE OF DWG. ADDED MATL. NOTES "1 & 2. BROUGHT AIR/REQ'TS. TO DATE. (NO WT. CHG.)	7-9-37	MOBLEY
N	PBY-1, PBY-2, PBY-3 REQ'TS ADDED	7-28-37	HEIMLICH
M	DIMENSION WAS 1.26 +.005 -.000	2-16-37	HELLMAN
L	PBY-1 ADDED	10-26-35	JAFFE
K	TRACED & BROUGHT UP TO DATE	3-12-35	F.D.T.

NAVY APPROVED 10-25-35 DATE

CALC. WT.	ACT. WT.
	.062

SCALE 1/1

MATERIAL	NOTED	DRAFTSMAN	JB 1/20/32
SPEC'S. AN NO.:	NOTED	STRENGTH & W'T. EXAM.	Muller 3-19-32
HEAT TREAT	NOTED	CHECKED	
FINISH	NONE	APPR'VD. & REL'S'D.	

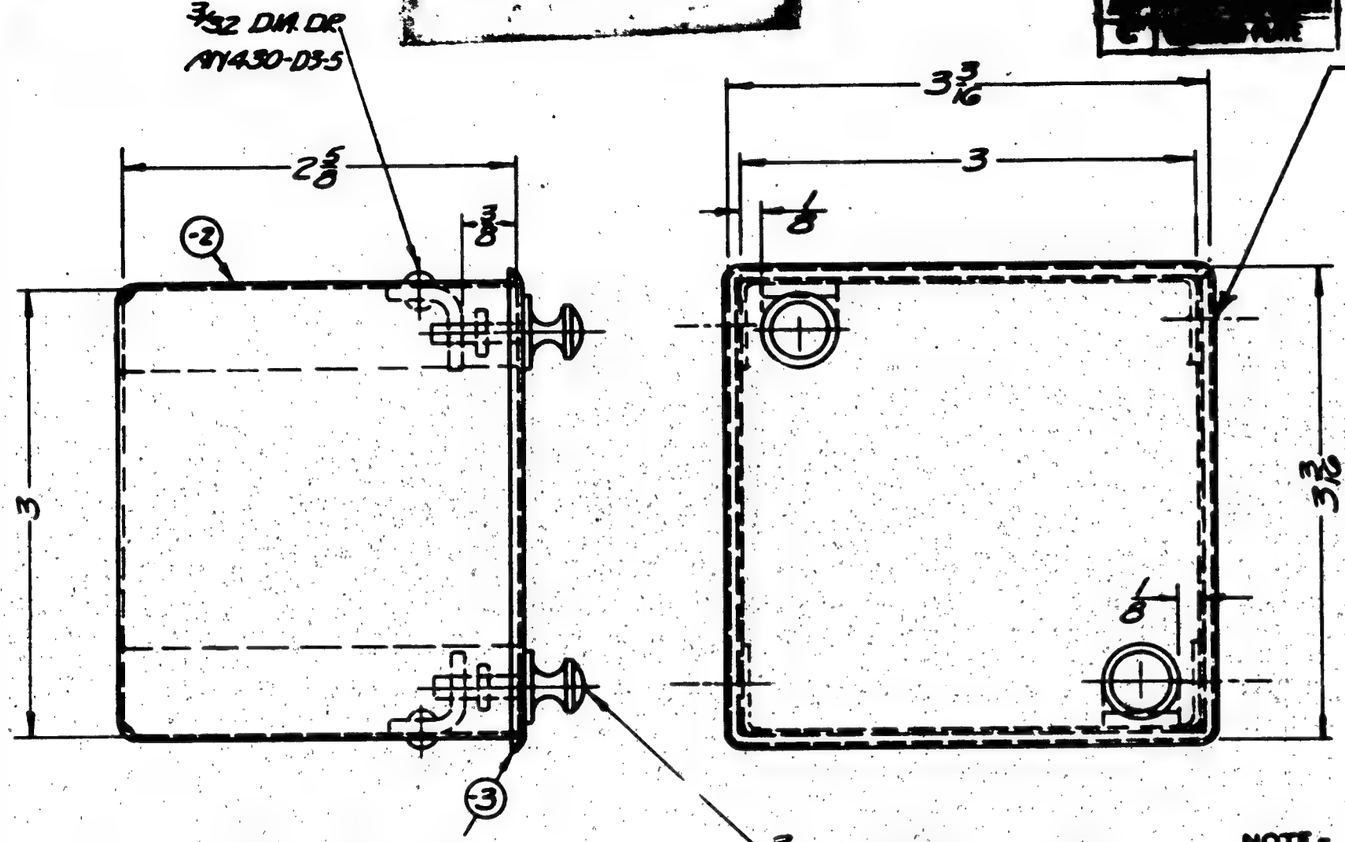
FITTING - FURN. - BUNK-LEG - ATTACHMENT

CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22F981

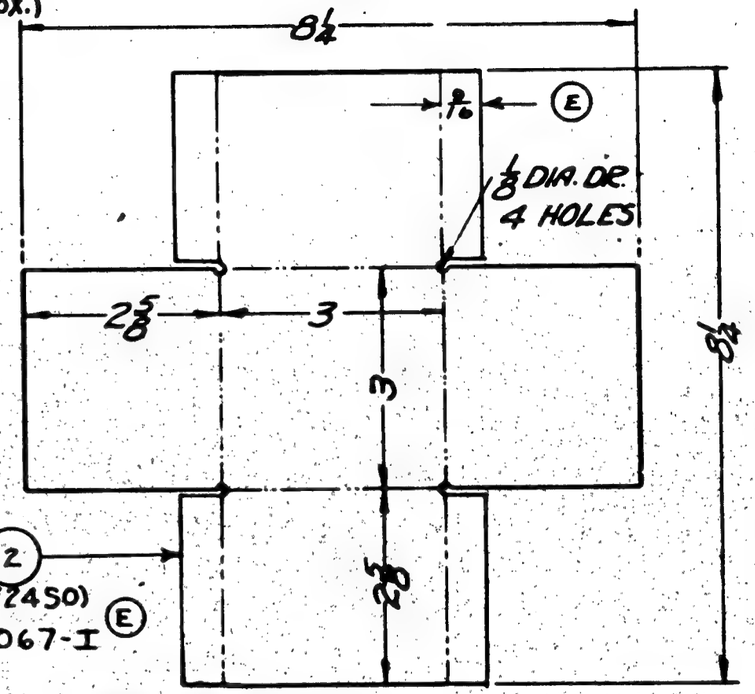
22F1137 OPPOSITE HAND

DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5	28E2058		1				
PBY-5A	28E2058A		1				
PBY-5A	28E2058B		1				

C.P.-GREEN PRIME FINISH CODE [redacted]



.030 ALUM. ALLOY SHEET
SPEC. 47A3a; H.T. SR-53
BEND DOWN EDGE 1/16 R. INSIDE



NOTE-
1 PER L.H. ASSEM.
1 PER R.H. ASSEM.

PBY-4	28E2058						
PBY-4A	28E2058						
XPBY-1	28E015					22F203-1	2
PBY-5	28E1050					22F212-1	2
PBY-5	28E1806		3			22F211-1	2
PBY-5	28F1076	2	2			-3	1
PBY-5	28F1075	2	2	-03-5	4	-2	1
PBY-5	22F1610	1	1	AN430	—	22F1137	—

NOTE- CONDUIT HOLES TO BE DRILLED ON ASSEM.

ALL BENDS 1/16 R INSIDE

E.O. 38348

LET.	CHANGED	DATE	CH. BY
E	-2 (AL. ALC. SHT. (2450)		
	11067-I WAS .040 HH AL. SHT.		
	ADDED 9/16 FLANGE TO -2		
	NOTE "SPOTWELD -- APPROX."		
	WAS "ALUM. -- SEAMS." WT. CHG. NEG	4-27-42	WILLIAMS -30N
D	TRACED & BROUGHT UP TO DATE	3-12-35	[illegible]

NAVY APPROVED
DATE

CALC. WT.	ACT. WT.
.35	

SCALE 1/1 & 1/2

MATERIAL NOTED
SPEC'S. [redacted] NO.: "
HEAT TREAT "
FINISH Z-8 [redacted] G.P.

DRAFTSMAN DUDECK 8-15-32
STRENGTH & WT. EXAM.
CHECKED
APPR'VD. & REL'S'D.

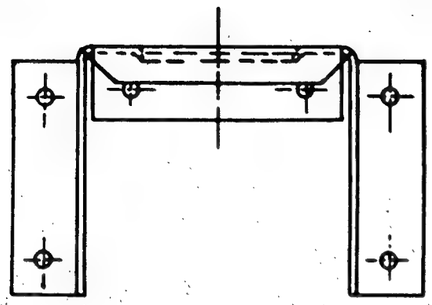
BOX-ELEC.-CONDUIT JUNCTION

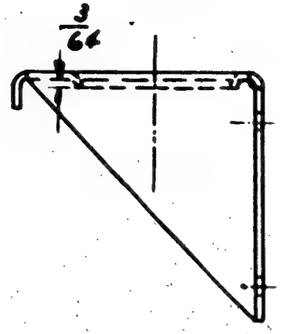
CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22F1137

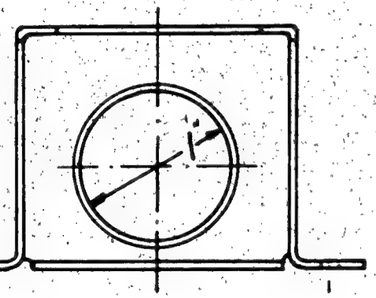
BLUEPRINTED BY CONSOLIDATED AIRCRAFT CORPN. SAN DIEGO, CALIFORNIA

[redacted]

OPPOSITE HAND								
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:				
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D.	PART NUMBER	NO. REQ'D
PBY-5A	28F4152		1				
PBY-5B	28F230		1				



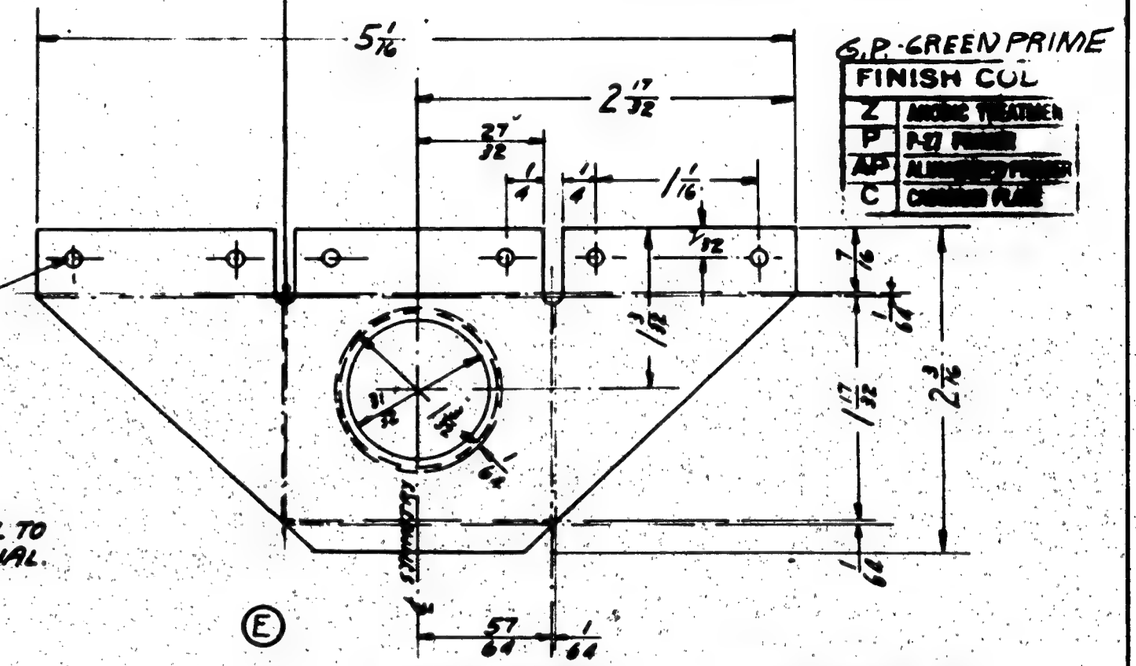




DRILL #35 (.110)
2 HOLES

3/8 DRILL
6 HOLES

ALL BEND RADII EQUAL TO THICKNESS OF MATERIAL.



G.P.-GREEN PRIME

FINISH COL	
Z	[redacted]
P	[redacted]
AP	[redacted]
C	[redacted]

PBY-4	28F230			PBY-5A	28F4152	1		
PBY-3	28F230							
PBY-2	28F230							
PBY-1	28F230	1	1					
XPBY-1	28F230							
PBY-2	22H570	1	1					
PBY-2	22F1582	1	1					
PBY-3	22H570	1	1					
PBY-3	22F1582	1	1					

NAVY APPROVED
ACL 5-22-36
DATE

CALC. WT.	ACT. WT.	AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
08. 3KG	.02								

SCALE 1/1

DRAWING APPLIES ON:

DETAIL PARTS PER ASSEMBLY:

MATERIAL .040 AL. ALLOY	DRAFTSMAN	FATHER	8-30-32
SPEC'S. [redacted] NO 47-A-10	STRENGTH & WT. EXAM.		
HEAT TREAT COND. "T"	CHECKED		
FINISH Z-P-2 [redacted] G.P.	APPR'VD. & REL'S'D.		

BRACKET - FURNISH. - ENGINE CRANK STOWAGE

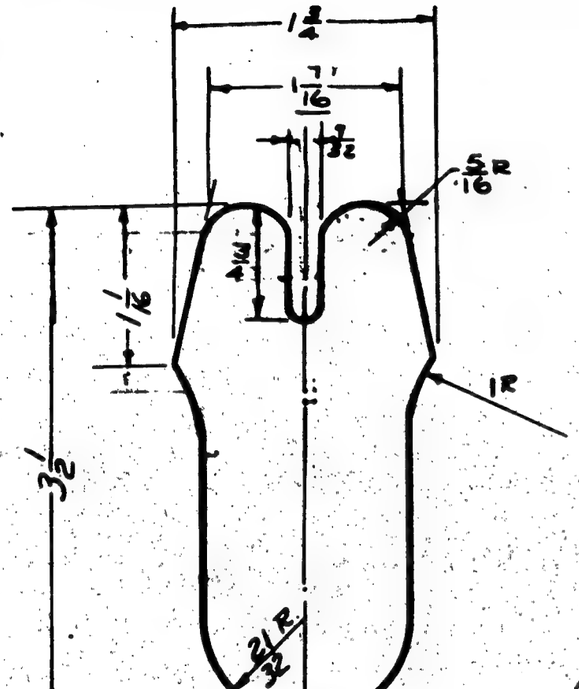
CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22F1179

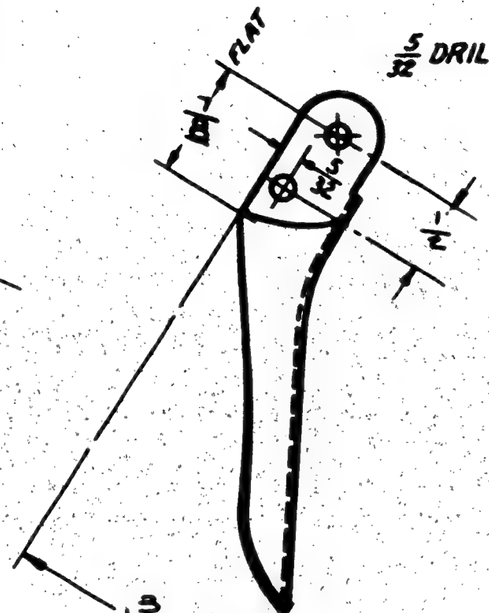
LET.	CHANGED	DATE	CH. BY
E	CUT CORNERS AT 53/64 FROM ℄ OF SYMMETRY ℄		
	REMOVED 2 #35 DRILL HOLES	6-14-37	Thompson
D	TRACED & ACCOUNT UP TO DATE	3-12-35	Hagen

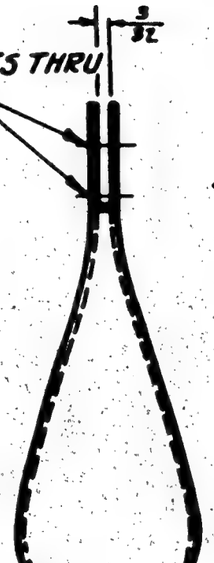
SULLIVAN-HOGEBOOM CO., INC. BUFFALO [illegible]

OPPOSITE HAND

DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D







PATTERN

	WAS 1 5/16. WT. CHG. NEG.	10-20-42	SHIKIAN
	WAS 13/32, 1/2 WAS 9/64, 1 3/8.		
J	DIM. 1 1/16 WAS 1 1/2, 5/16 R WAS 1/4, 7/8		
H	ON FACE OF DWG. 3/32 WAS 1/32		
4	3/16 WAS 1/2 (WT. CHG. NEG.)	6-30-42	STROBRIDGE
G	FINISH: C-P-AKV WAS C-2AKV	6-6-36	SHIKIAN
G	ADDED: ASSY. NO. 288307	6-6-36	"
S	ADDED: B/H: PBY-4 -1-8	6-6-36	"
F	TRACED & BROUGHT UP TO DATE	3-18-35	F.D.T.
LET.	CHANGED	DATE	CH. BY

CULLIVAN-DIEDERICH CO., INC. BUFFALO MANILA NO PENCIL CLOTH

	28-SAMC	288307	8
	28-2MN	288307	8
	28-5ME	288307	8
	28-6MC	288307	8
	28-8MA	288307	8
ASSY. NUMBER	MODEL	ASSY. NO.	REQ'D

28SAMN	288307		8
PBY5B	288307		8
PBY5	288307		8
PBY-5A	288307		8
PBY-4	288307		
PBY-3	288307		
PBY-2	288307		
PBY-1	288307	1	8
P2Y-2	22F1401	1	8
P2Y-3	22F1401	1	8

G. P. GREEN PRIME FINISH CODE

C	[redacted]

NAVY APPROVED LCU 6-8-36 DATE

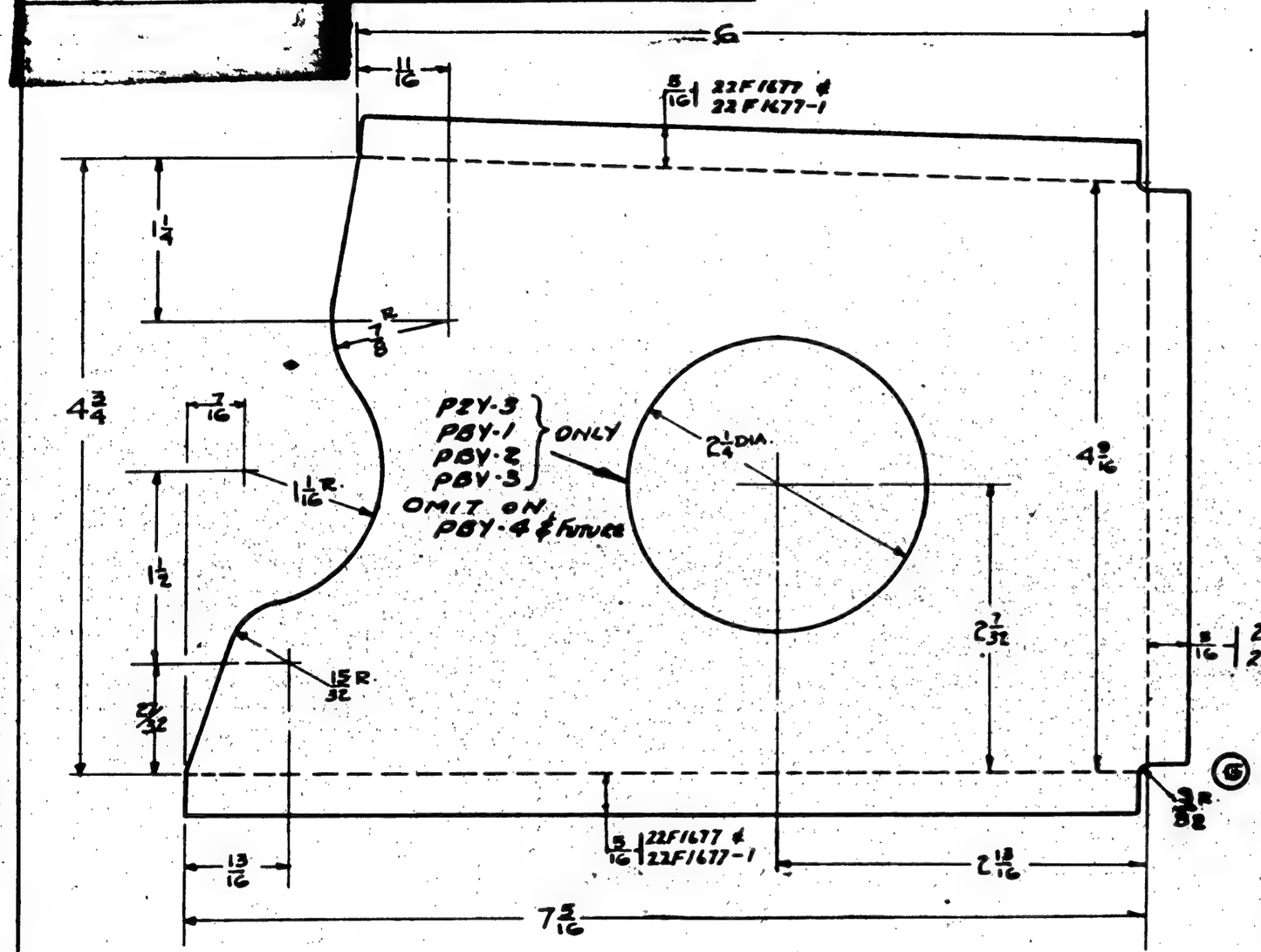
CALC. WT.	ACT. WT.
.08	

SCALE 1/1

MATERIAL .037 CH. MOLYB. STL. SN.	DRAFTSMAN FLAGLER 11-25-32
SPEC'S. NO: 47514a	STRENGTH & W'T. EXAM.
HEAT TREAT MAP5H27-1 (185,000 #")	CHECKED
FINISH C-P-[redacted] G.P.	APPR'VD. & REL'S'D. R

HANDLE (FURNGS) BOW GUN COVER CLAMP

CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22F1398



LET.	CHANGED	DATE	CH. BY
G	3/32 RVTS 1/16 WT. CHG 1186.	2-16-37	QUINN
F	XB-24 & B-24 REQ'S ADDED	7-26-36	HARRIS
E	CUTTING 2 1/4 DIA HOLE PBY-4	1-19-36	JAFFE
D	MATL CHANGED TO ALCLAD	2-6-37	NAGLE
C	MATL. WAS 17ST	1-9-36	JAFFE
B	PBY-4 REQ. ADDED	1-9-36	JAFFE
A	BR'GT. TO DATE & TRACED	3-21-35	TOTTLE

C.046877

22F1677 RANGES BENT UP.
22F1677-1 & " " DOWN

BEND RADII = 1/8

OPPOSITE HAND 22F1677-1

DRAWING APPLIES ON: AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASSY	NO. PER AIRPLANE
P2Y-3	22F1695	9	
P2Y-3	22F1697	8	
P2Y-3	22F1699	10	
XP3Y-1	22F1695	9	
XP3Y-1	22F1697	8	
XP3Y-1	22F1699	10	
PBY-1	SEE BELOW		31
PBY-2	" "		31
PBY-3	" "		31
PBY-4	SEE BELOW		
XB-24	22F1695		9
B-24	22F1695		9
PBY-2	22F1697	8	
PBY-2	22F1699	10	
PB2Y-3	22FK99 TO		
PB2Y-3	22F1697	8	
-1 B-24			5
-1 XB-24			5
B-24			5
XB-24	22F1699		5
-1 B-24A			9
-1 B-24			9
XB-24			9
PB2Y-3	22FK99		9
B-24	22FK99		9
XB-24	22FK99		9
PBY-4	SEE BELOW		
PBY-3	SEE BELOW		3
PBY-2	SEE BELOW		31
PBY-1	22F1697	5	
PBY-1	22F1697	4	
PBY-1	22F1695	3	
XP3Y-1	22F1699	10	10
XP3Y-1	22F1697	8	8
XP3Y-1	22F1695	9	9
P2Y-3	22F1699	10	10
P2Y-3	22F1697	8	8
P2Y-3	22F1695	9	9

DETAIL PARTS PER ASSEMBLY: STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D

FOR LATER AIRPLANES SEE RELEASES

G.P. GREEN PRIME

-R	PBY-5B	22F1695	9EA
-R	PBY-5A	22F1697	4
-L	PBY-5A	22F1697	4
-R	PBY-5A	22F1695	9
-L	PBY-5A	22F1695	9

Q.N	MODEL	NEXT ASSEM	REQ.

NAVY APPROVED LCW 1-14-35 DATE

CALC. WT.	ACT. WT.
.095	

SCALE 12" = 1FT.

MATERIAL .030 ALCLAD 24ST
SPEC'S. AC NO 4918 COND T
HEAT TREAT NONE
FINISH Z-GRN

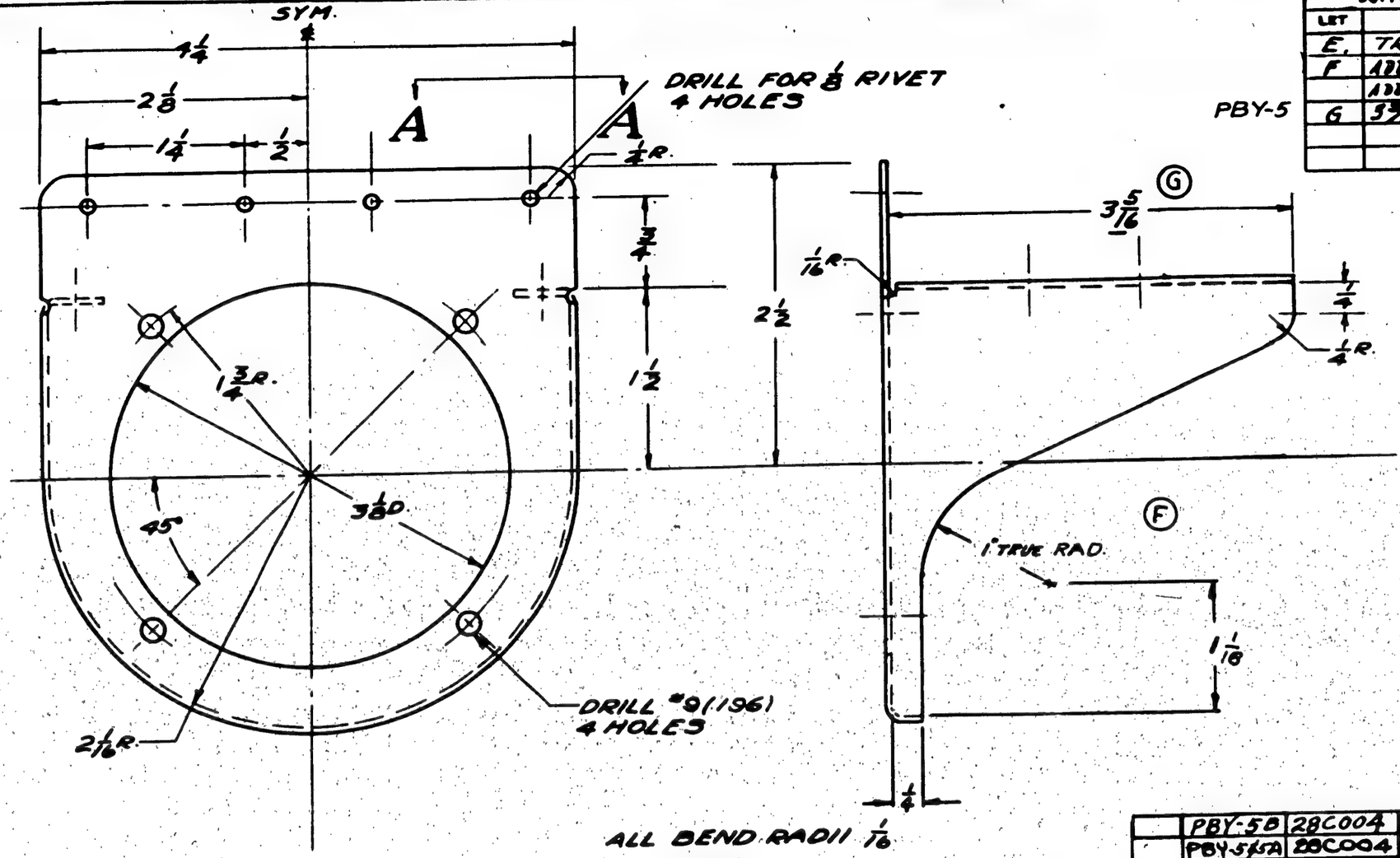
DRAFTSMAN DR.	OSWALD TOTTLE	5-15-34 3-21-35
STRENGTH & WT. EXAM.		
CHECKED		3-21-35
APPR'VD. & REL'S'D.		

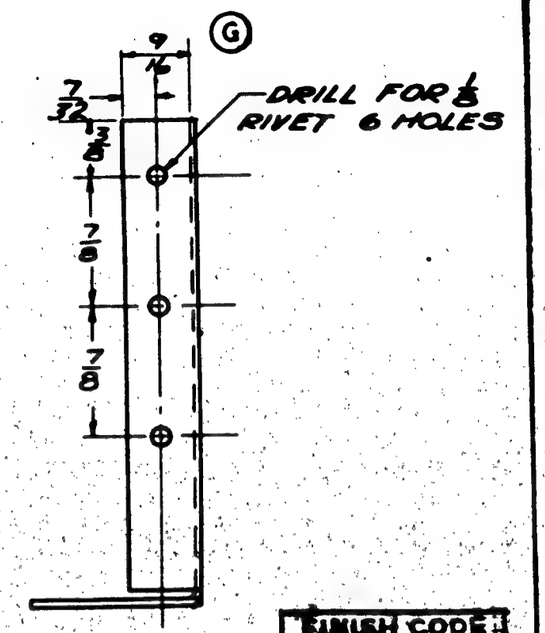
PARTITION - FURN. - AMMUNITION BOX.
CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22F1677

RE

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
E.	TRACED	5-18-37	H.W.
F	ADDED 1" RAD TO FLANGE	2-4-38	HARRIS
	ADDED PBY-4 REQ'TS.	2-4-38	HARRIS
G	3 5/16 WAS 3 1/4 AND 9/16 WAS 7/16	10-14-40	PRINCE

PBY-5





VIEW A-A

FINISH CODE:	
Z	ANODIC TREATMENT
P	P-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

ALL BEND RADII 1/16

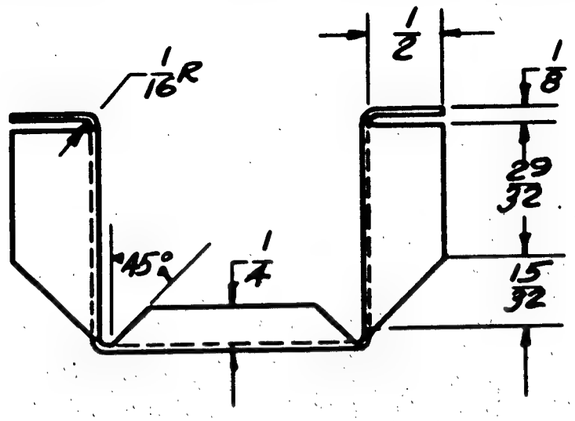
MATERIAL:-
.051 ALUM. ALLOY 2450 (COND. A.)

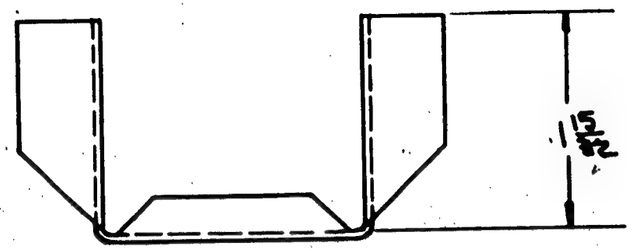
	PBY-5B	28C004	1										
	PBY-5&5A	28C004	1 EA										
	PBY-4	28C004	1										
	PB-3	28C004	1										
	PB-2	28E1055	1										
	PB-1	28C004	1										
	XPBY-1	28E1055	1										
	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.			

REPLACES 28F031 OF 2-13-36	APPROVED 5-18-37 DATE	REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.
REPLACED BY	.18 CALC. WT. / ACT. WT.			5-31-37 / 2-6-38
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010	SCALE 12" = 1'-0"			W CASE SAND GREEN
	AC			DRAFT / CHECK / EXAM. / ENG.
	NAVY NOTED	47A10	SR -53	Z-P-2G.P.
	MATERIAL	SPEC.	HEAT TREAT	FINISH
	CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.	NAME SUPPORT - ELEC. - TYPE A-2a MAGNETO SW.		OPP. HAND
				DWG B 28F031

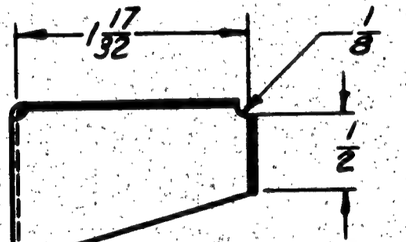
28F031

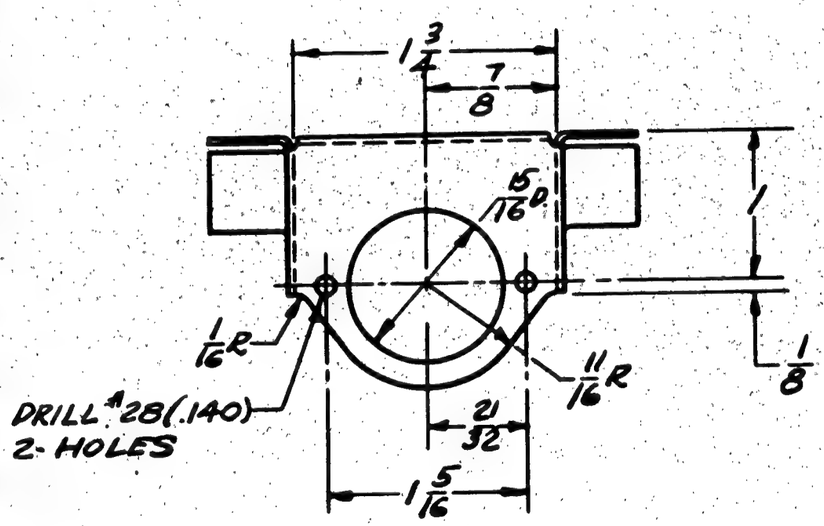
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED UP TO DATE	3-28-35	J.A.R.
E	PBY-1 REQMTS Added	6-2-36	
F	PBY-2 & PBY-2 Revs 4-2 ADDED	6-16-37	





(F) (2) SAME AS 28F063 EXCEPT REAR FLANGE REMOVED





CONTR. 70696 77118 } 17032-88478

CONTR. 70696 } 17032-88478

-2	PBY-5B	28F5649	F								
-0	PBY-5A	28F5649	E								
-2	PBY-5A	28F5649	D								
-2	PBY-5	28F5649	B								
-2	PBY-4	28F3065	B								
-2	PBY-3	28F3065	3								
-2	PBY-2	28F062	1								
	PBY-2	28F063	E								
	PBY-1	28F062	2								
	PZY-3	28F1850	2								
	XPBY-1	28F062	2								

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED JCW 6-9-36 DATE

CALC.WT. .017 ACT.WT.

SCALE

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

ALLOY 24-A | CONDA | | | | | | | | |

NAVY .040 AL. ALLOY | 4TA10 | SR53 CHROM | NONE | | | | | | |

MATERIAL | SPEC. | HEAT TREAT | FINISH | DRAFT | CHECK | EXAM. | ENG.

DRAFT: 4-17-35 J.A.R. | CHECK: 5-15-35 | EXAM. | ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME LAMP BRACKET FURNISHINGS RADIO OPERATORS TABLE

OPP. HAND

DWG. SIZE B 28F063

BULLARD-HOFFMAN CO., INC., BUFFALO
TYPEWRITTEN TRACING CLOTH

LET	ALTERATION	DATE	BY
G	TRACED . NO WT. CHG.	10-7-43	FCREES

28FC64

(.285) DIA HOLE

DRILL $\frac{3}{16}$

(-3)

$\frac{11}{32}$ $\frac{1}{4}$ $2\frac{1}{2}$ $2\frac{1}{16}$ $\frac{1}{4}$ R $\frac{1}{16}$ R $\frac{1}{4}$ $1\frac{3}{4}$

28FC65-3 RIVET AFTER SPRING IS TEMPERED

$\frac{1}{32}$ R

$\frac{1}{16}$ R $\frac{21}{32}$ $\frac{7}{32}$ $\frac{1}{4}$ $\frac{1}{4}$

DRILL $\frac{1}{16}$

DETAIL -2

-2	28-5 [illegible]	28F [illegible]	EA
-[illegible]	PBY [illegible]	28F [illegible]	EA
-2	PBY [illegible]	28F1024	EA
-[illegible]	XPBY-1	28F[illegible]24	1
-[illegible]	XPBY-1	28F[illegible]24	1

ASSY DASH NO	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

REPLACES 28F[illegible]24 C-28-36 [illegible] CALC WT

REPLACED BY ACT WT

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

C.NO&(3)464 [illegible]

[illegible]	PBY-5A	28F5785	EA
[illegible]	PBY-5A	28F1024	EA
-2-4	PBY-5	28FC24	EA
[illegible]	PBY-5	28F5785	EA
[illegible]	[illegible]	28F5785	EA
[illegible]	[illegible]	[illegible]	EA
-2	28-5MG&AM	28F5785	EA
-2	28-5MA&ME	28F[illegible]85	EA
-2	28-5MG&AM	28F[illegible]24	EA

ASSY DASH NO	MODEL	NEXT ASSY	REQ

FINISH NOTE
-2 ~ C-P-2GP
-3 ~ C-BAKE-2GP

28FC65-3										
-2	[illegible]	STOCK	AN-QQ-S-[illegible]							
-2	[illegible]	CHROMOLY STL	AN-QQ-S-685							
PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4	-5

AC		[illegible]							
NAVY SPRING TEMPER-3	[illegible]	[illegible]							
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG.		

NAME SPRING - FURNISHINGS - CHART BOARD LOCK

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28FC64

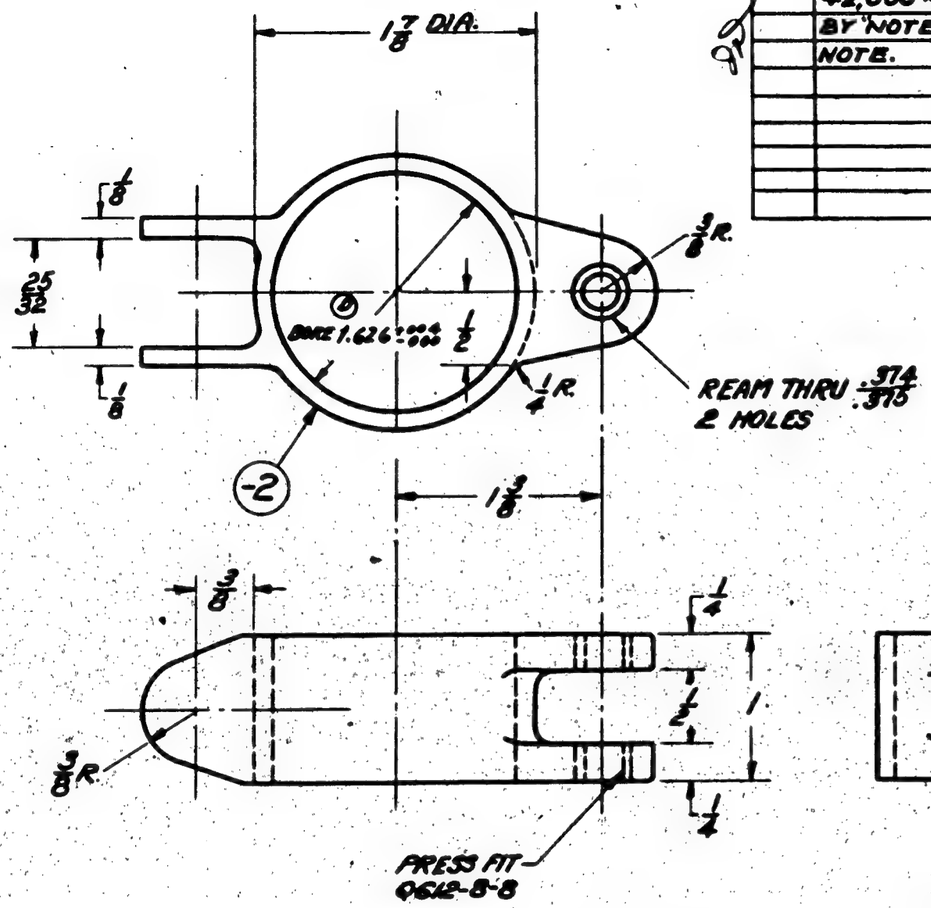
R

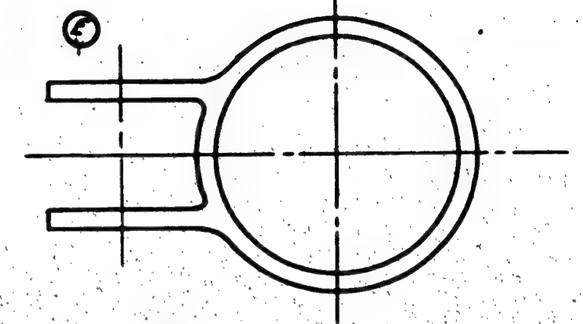
LET	ALTERATION	DATE	BY
N	REMOVED FROM B/M ALUM.		
	ALLOY CAST. "SPEC. M106, H.T.		
	"42,000 #/SQ. IN." & REPLACED		
	BY "NOTED" ADDED MATERIAL		
	NOTE. NO WT. CHG.	9-23-43	LARSEN

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	[illegible]	[illegible]
C	CHGD PBY-2 & ADDED PBY-3 REQMTS	[illegible]	[illegible]
D	CHANGED 1 5/8" BORE TO 1.626 +.004 -.000	6-11-37	[illegible]
E	-3 ADDED	6-24-37	[illegible]
F	[illegible]	[illegible]	[illegible]
G	TO REQ/ AIRPLANE BLOCK		
	ADDED -3 PBY-5A- [illegible] F7595-1 REQ		
	FOR C.NOS. [illegible] LIMITED REQS.	[illegible]	[illegible]
	FOR PBY-5A N/A 28F4055 TO C[illegible]		
	88476, 70496 ONLY. NO WT. CHG.		

N/A 2218-6

28F095





-3 SAME AS -2 EXCEPT AS SHOWN

C.NO. 2(B) 464 [illegible]

C.NOS. 77713, 88476, 70496 & C.NOS. 88464 1:200 (ADD. REM.)

ALL FILLETS 1/8 R.

-3	28-SMK, AMW	28F4055	1 EA
-3	28-SME, MH	28F4055	1 EA
-3	28-SMA, MC	28F4055	1 EA
-3	PBY-6	[illegible]	1
-3	PBY-5A	28F7595	1
-3	PBY-5B	28F4055	1
-3	PBY-5A	28F4055	1
-3	PBY-4	28F4055	1
-3	PBY-3	28F2182	1
-3	PBY-2	28F2182	1
	PBY-1	28F097	1
	XPBY-1	28F097	1

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
							Q612-8-8	2	
							28F095-B	1	

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES	APPROVED	DATE
REPLACED BY	.119 CALC. WT.	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + CAST. 1/32 - FINISH .010	SCALE 12"=1'-0"	
[redacted]	AC	
	NAVY NOTED	
	MATERIAL	
	CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.	
	STAMP PT. No. WHERE SHOWN	

NOTED	NOTED	Z-6P	4-25-34	1-12-37	[illegible]	L
SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

NAME	OPP. HAND
FITTING FURNISHINGS NAV. SEAT-HINGE	SIZE B — 28F095

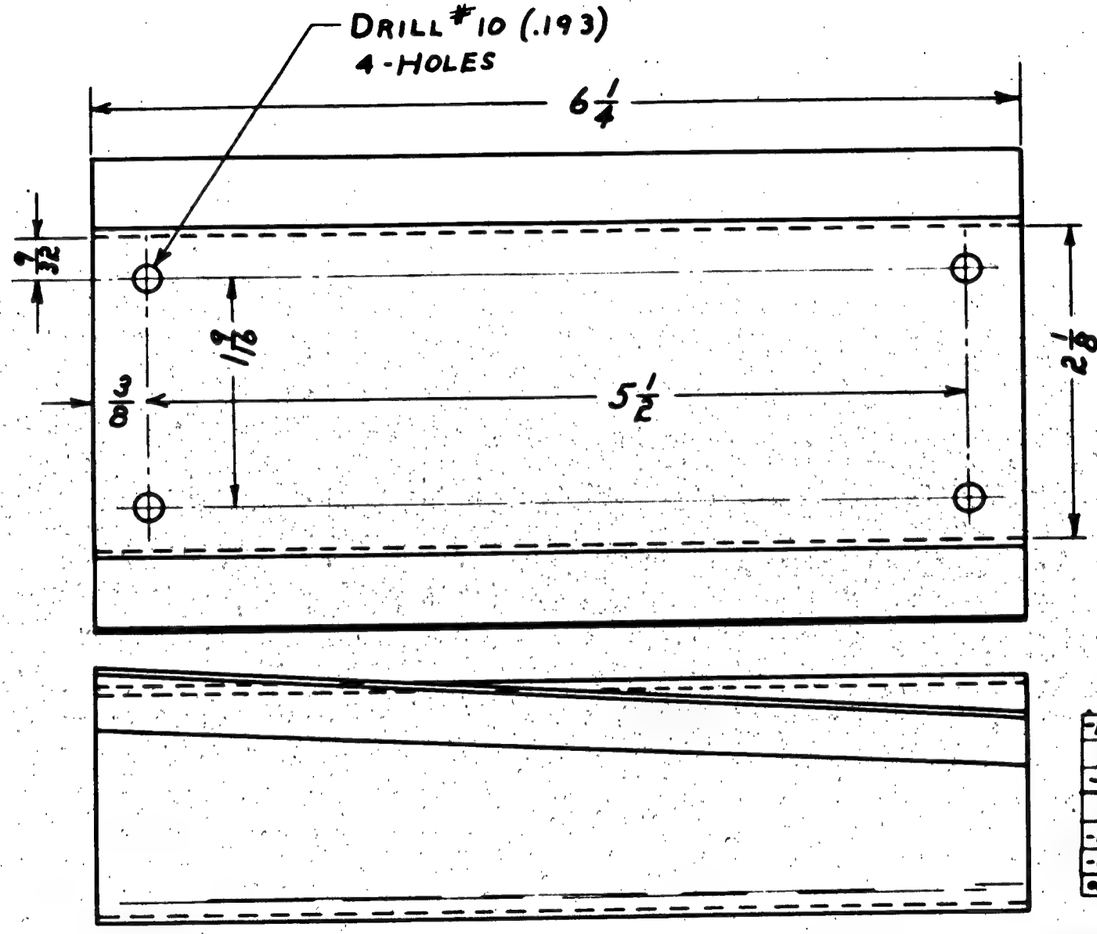
NOTE:
MATERIAL MAY BE:
(A) AL. ALLOY CASTING, 220T4, SPEC. AN-QQ-A-392, T.S. 42,000 P.S.I., OR
(B) AL. ALLOY CASTING, 195T6, SPEC. AN-QQ-A-390, CL. II, T.S. 32,000 P.S.I.

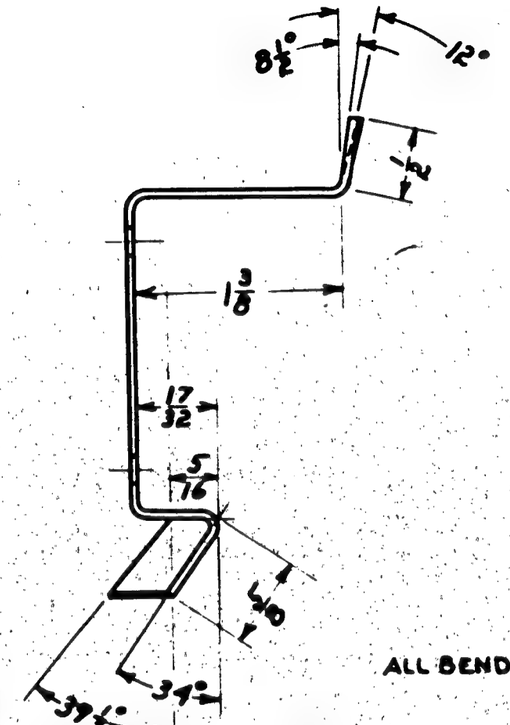
SULLIVAN-McKEEHAN CO., INC., BUFFALO
INDUSTRIAL TRACING CLOTH

28F095

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
E	TRACED UPTO DATE	1-19-37	P.SMITH
F	ADDED PBY-4 REQMTS	2-1-38	[illegible]
G	CHANGED MAT. FROM 24ST TO 2450	11-5-40	FISCHER

E.O. 16199





ALL BEND RADII 1/8

G.P.-GREEN PRIME
FINISH CODE

-1	PBY-4	28A1015													
	PBY-4	28A1015													
-1	PBY-5	28A1015		-1	PBY-3	28A1015									
	PBY-5	28A1015			PBY-3	28A1015									
-R	PBY-5A	28A1015	1	-1	PBY-2	28A1015									
-L	PBY-5A	28A1015	1		PBY-2	28A1015									
O.H.	MODEL	NEXT ASSY.	REQ.	-1	PBY-1	28A1015	1								
					PBY-1	28A1015	1								
				-1	XP3Y-1	28A011	1								
					XP3Y-1	28A011	1								
REQUIREMENTS PER AIRPLANE				ST'D PARTS	MAT	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	PARTS LIST PER ASSY.				

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010

APPROVED 1-19-37 DATE

CALC. WT. 11 ACT. WT.

SCALE FULL SIZE

AC

NAVY 051 Al Alloy 2450 MATERIAL (G)

NOTED	NOTED	Z-3 [illegible] G.P
SPEC.	HEAT TREAT	FINISH

4-13-37	Andrew Wilder	
DW W 2-10-37		
DRAFT	CHECK	EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

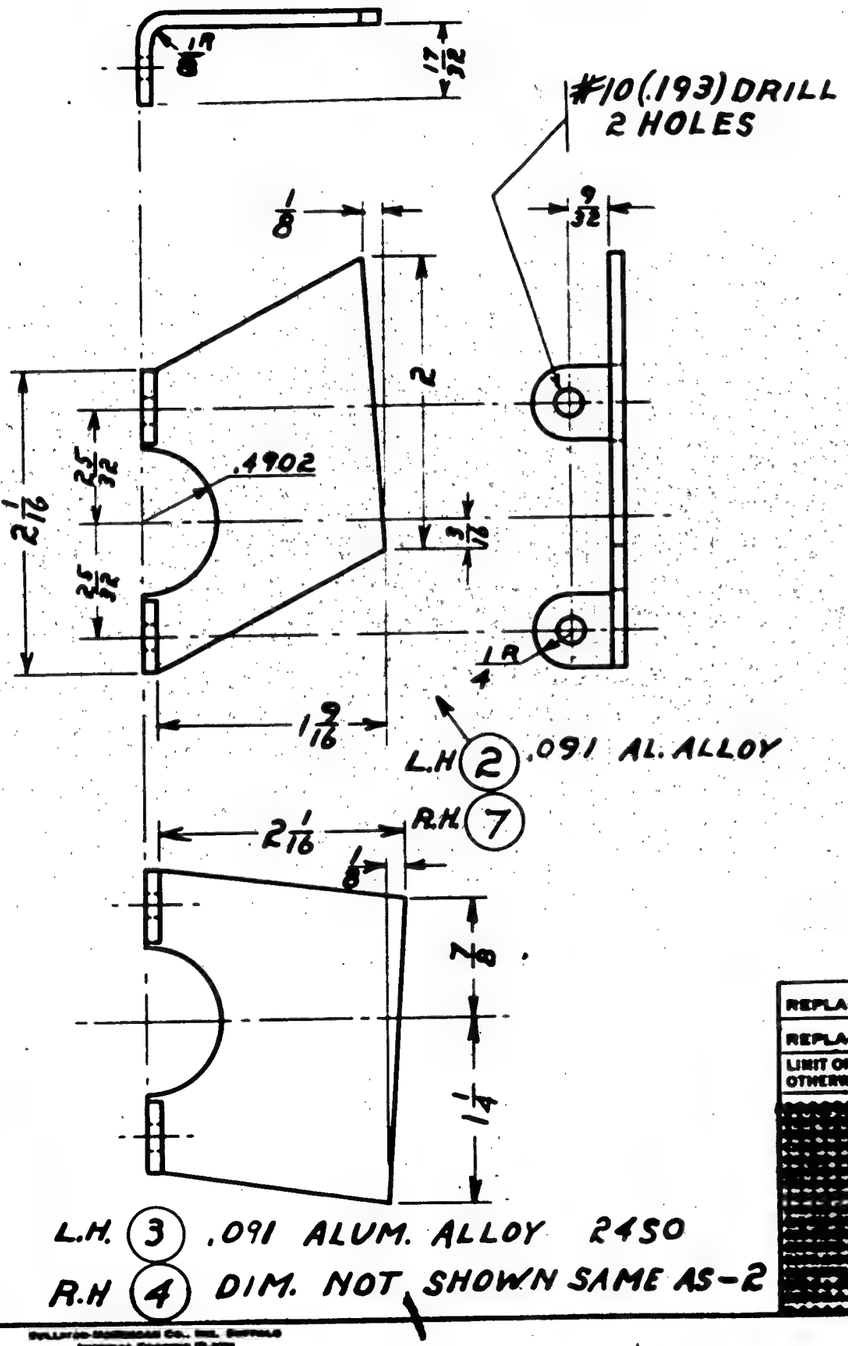
NAME BRACKET-FURN - MK XXIX BOMB RELEASE HANDLE

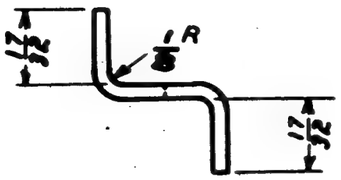
OPP. HAND 28F143-1

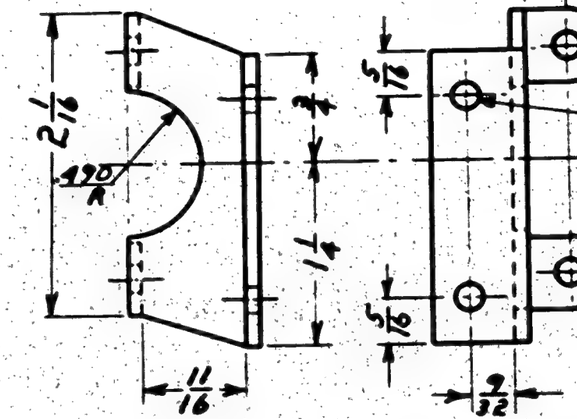
DWG. SIZE B 28F-143

SULLIVAN-MCKEOGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED UP TO DATE	1-22-37	P. Smith
D	PBY-2 & PBY-3 REQTS CHANGED	5-20-37	WEIR
E	NEXT ASSY 28F3109 WAS 28F0216		
	28F2022	1-20-38	Hoover







L.H. (5) (D)
R.H. (6) 2450
.091 AL ALLOY

-2,-3,-4,-5,-6,-7	PBY-5B	28F3109	1 EA	
-2,-3,-4,-5,-6,-7	PBY-5A	28F3109	1 EA	
-2,-3,-4,-5,-6,-7	PBY-4	28F3109		(E)
-2,-3,-4,-5,-6,-7	PBY-3	28F3109		
-2,-3,-4,-5,-6,-7	PBY-2	28F3109		
-2,-3,-4,-5,-6,-7	PBY-1	28F3109		

DRW. No	CALC. WT	ACT. WT
-2,-7	.038	
-3,-4	.032	
-5,-6	.028	

-7	XP3Y-1	28F021	1												
-6	XP3Y-1	28F021	1												
-5	XP3Y-1	28F021	1												
-4	XP3Y-1	28F021	1												
-3	XP3Y-1	28F021	1												
-2	XP3Y-1	28F021	1												

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.015

APPROVED 1-22-37 DATE

CALC. WT. NOTED ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY NOTED

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP FT. No. WHERE SHOWN

O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH REQ. | RH REQ. | PART NO. | LH REQ. | RH REQ.

REQUIREMENTS PER AIRPLANE | MAT | PARTS LIST PER ASSY.

GP

NOTED | NOTED | Z-3A

SPEC. | HEAT TREAT | FINISH

RCS 6-8-37 | 2-10-37 | DRAFT | CHECK | EXAM. | ENG.

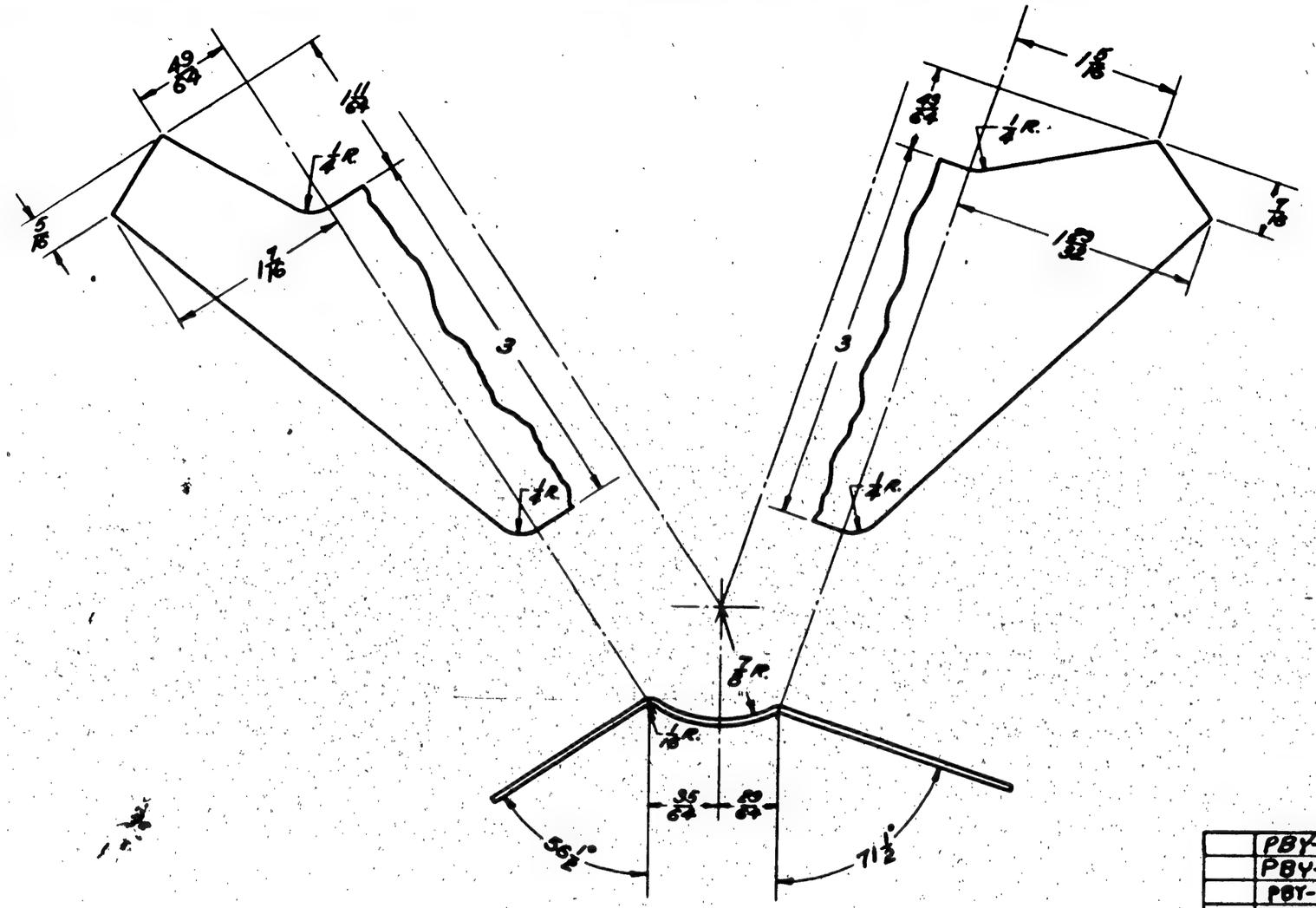
L R

NAME BEARING BUNK SUPPORT (FURNISH)

OPP. HAND

DWG. B SIZE 28F196

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-24-36	THREE



G.P. GREEN PRIME

	PBY-5B	28F233	1									
	PBY-5A	28F233	1									
	PBY-4	28F233										
	PBY-3	28F233										
	PBY-2	28F233										
	PBY-1	28F233										
	XPBY-1	28F233	1									
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

[redacted]

APPROVED 12-24-36 DATE

.064 CALC.WT. ACT.WT.

SCALE 12"=1'-0"

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC | | | | STRUPICY | | MILLER | L.

NAVY .051 AL. ALLOY SHT. | 4 STAND COND A | SR-53 COND. T | Z-2 [redacted] G.P. | 9-15-34

MATERIAL | SPEC. | HEAT TREAT | FINISH | DRAFT | CHECK | EXAM. | ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME

GUSSET-FURNISHINGS-RADIO OPERATOR'S SEAT-REAR

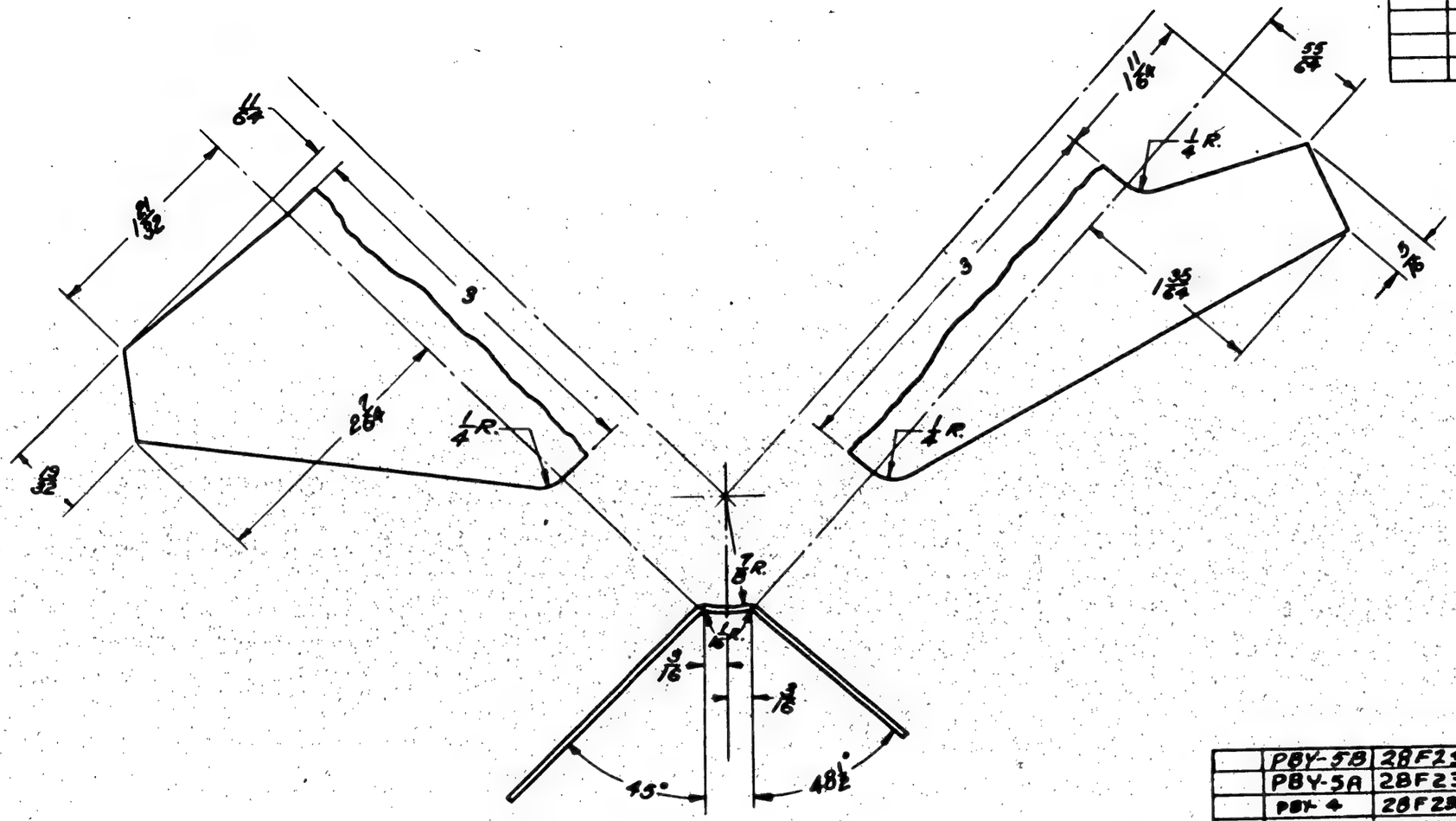
OPP. HAND

SIZE B

28F234

SULLIVAN-McKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-24-36	THURSTON



G.P. GREEN PRIME

FI[redacted]

	PBY-5B	28F233	1									
	PBY-5A	28F233	1									
	PBY-4	28F233										
	PBY-3	28F233										
	PBY-2	28F233										
	PBY-1	28F233										
	XPBY-1	28F233	1									
				O.M.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES		REQUIREMENTS PER AIRPLANE	MAT.
REPLACED BY			
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±			
[redacted]			
AC			
NAVY. 05I AL ALLOY SHT.	4TA10 CONDI'A	SR-53 COND.T	Z-2[redacted] G.P.
MATERIAL	SPEC.	HEAT TREAT	FINISH

APPROVED	12-24-36 DATE	FABRKY		FULLER	L.
.04 CALC.WT.	ACT.WT.	12-15-36			
SCALE 12"-1'-0"		DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME

GUSSET-FURNISHINGS RADIO OPERATOR'S SEAT-SIDE

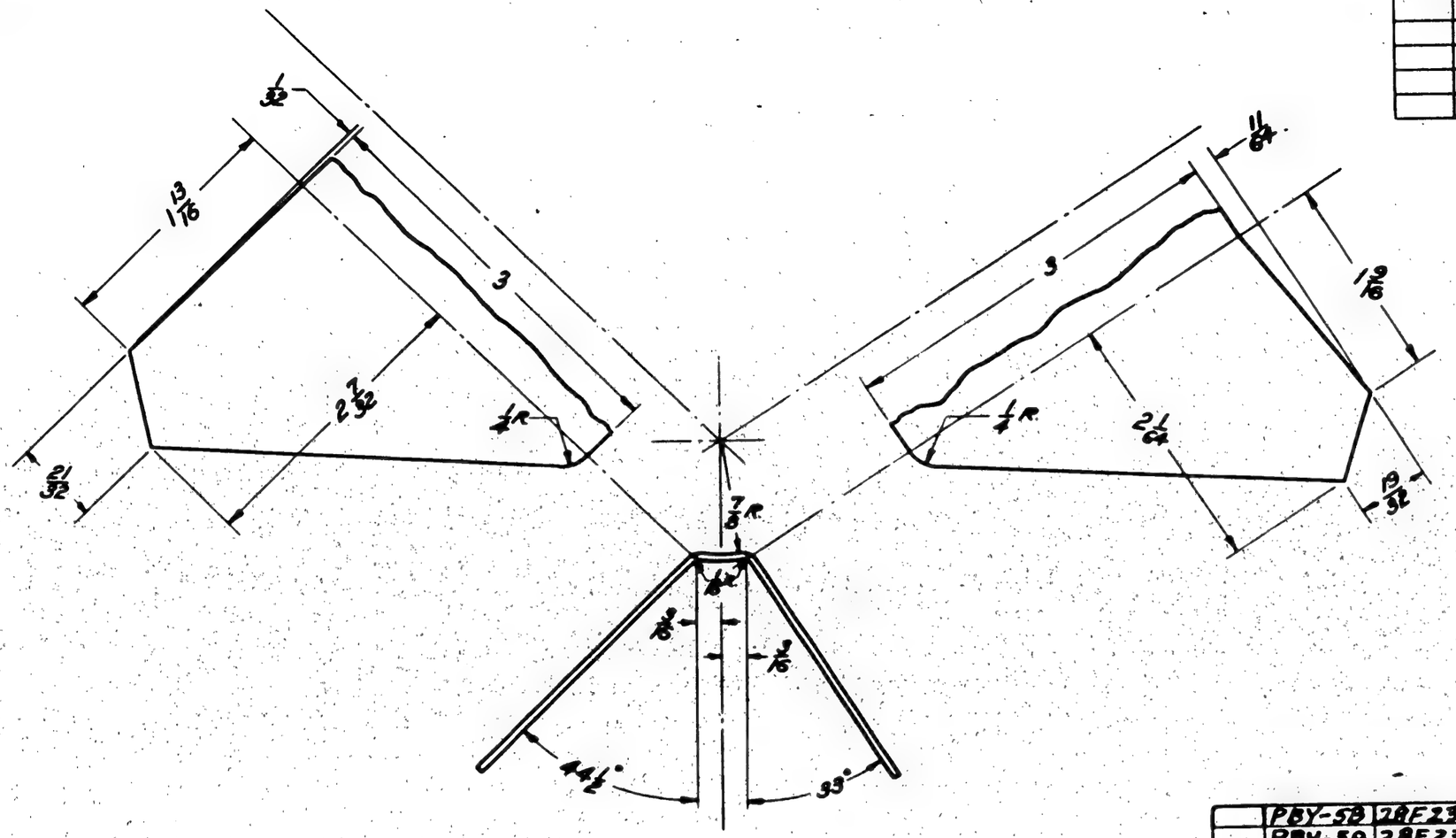
OPP. HAND

SIZE B

28F235

REGISTERED-CONSOLIDATED SQ., GEN. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	4-24-36	THOMSEN



G.P.-GREEN PRIME
FINISH CODE

	PBY-5B	28F233	1									
	PBY-5A	28F233	1									
	PBY-4	28F233										
	PBY-3	28F233										
	PBY-2	28F233										
	PBY-1	28F233										
	XPBY-1	28F233	1									

REPLACES															
REPLACED BY															
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −															
[redacted]															
APPROVED [redacted] DATE 4-24-36															
CALC.WT. .046	ACT.WT.	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.				
SCALE 12"=1'-0"		REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.								
AC							PERFECT		MILLER	L.					
NAVY. QSI AL. ALLOY SHT.		4 TANG COND. A		SAE-53	COND. T	Z-2 [redacted] G.P.	8-15-36								
MATERIAL		SPEC.		HEAT TREAT		FINISH	DRAFT	CHECK	EXAM.	ENG.					

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME
GUSSET-FURNISHINGS-
RADIO OPERATOR'S SEAT-FRONT

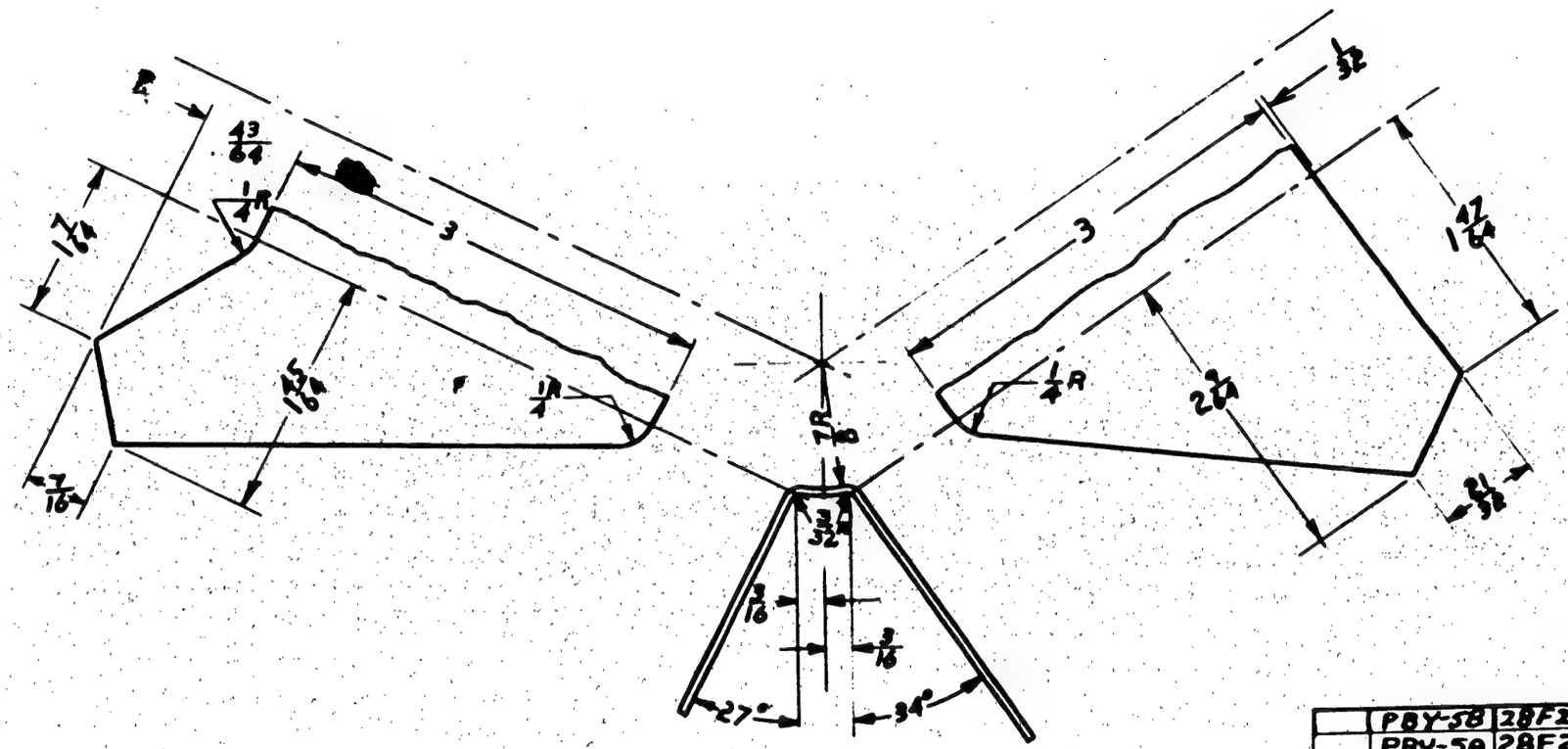
OPP. HAND

SIZE B

28F236

CURTISS-WRIGHT CORP., BUFFALO
SUPERIOR TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED UP TO DATE	1-21-37	R.S.



G.R.GREEN PRIME
FINISH

Z	[redacted]		
P	[redacted]		
AP	[redacted]		
C	[redacted]		

	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
		PBY-5B	28F233	1						
		PBY-5A	28F233	1						
		PBY-4	28F233							
		PBY-3	28F233							
		PBY-2	28F233							
		PBY-1	28F233							
		XPBY-1	28F233	1						

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −

APPROVED [redacted] DATE 1-21-37

CALC.WT. .043 ACT.WT.

SCALE FULL SIZE

AC

NAVY .051 AL. ALLOY SHT. 24ALCLAD A SR-53-CondT Z, 2 [redacted] G.P.

MATERIAL SPEC. HEAT TREAT FINISH

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

	DRAFT	CHECK	EXAM.	ENG.
TRACED	A. Lundquist	Fillion		L
	9-15-34	2-10-37		R

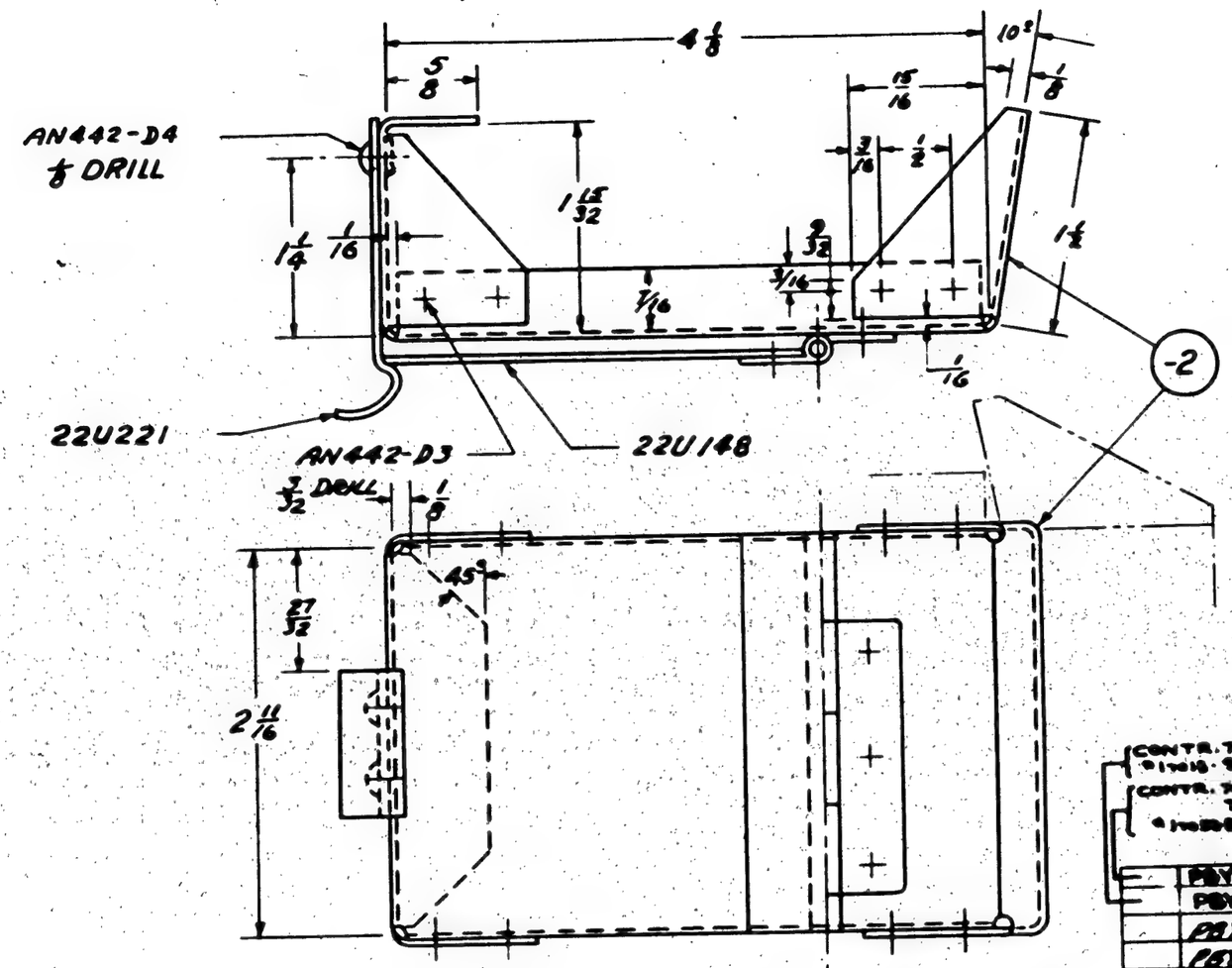
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

NAME GUSSET - FURNISHINGS - RADIO OPERATORS SEAT-RIGHT SIDE

SIZE B 28F237

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-31-36	[redacted]



.040 AL. ALLOY SHEET 2450
SPEC 47A10 COND A (ALLOY-24A)
H.T. SR53
FINISH Z - 3A[redacted] G.P.

G.P.-GREEN PRIME

FINISH CODE	
Z	[redacted]
V	[redacted]
AP	[redacted]
G	[redacted]

CONTR. 70996
CONTR. 70496
77713

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-6A	28A3053	1						
	PBY-5	28A3053	1						
	PBY-4	28A014					22U221	1	
	PBY-3	28A014					22U148	1	
	PBY-2	28A014	1						
	PBY-1	28A014	1	AN442-D3	8				
	XPBY-1	28A014	1	AN442-D4	2		-2	1	

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

NAVY NOTED	NOTED	NOTED	TOUCH UP
MATERIAL	SPEC.	HEAT TREAT	FINISH

DRAFT	CHECK	EXAM.	ENG.
9-24-37	1-12-37		

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

APPROVED [redacted] 12-31-36 DATE

.134 "KPA." CALC.WT. ACT.WT.

SCALE 12"-1'0"

AC

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME BRACKET - FURN.- VERY'S PISTOL

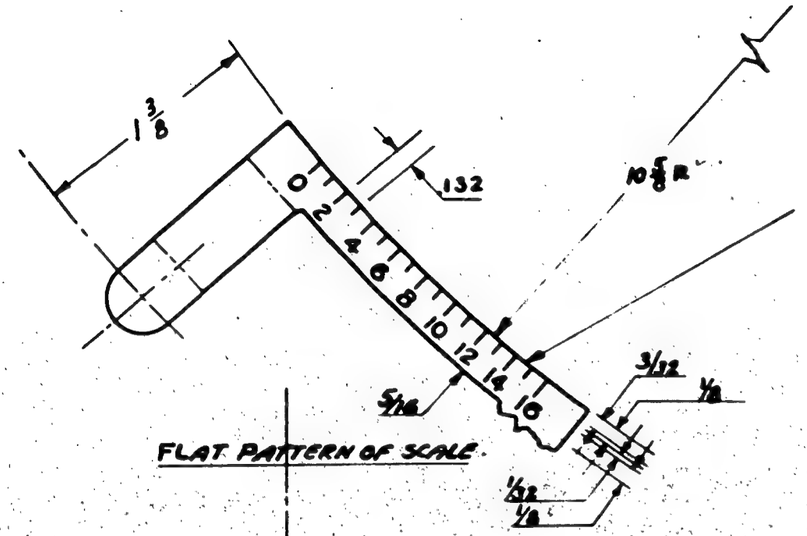
OPP. HAND

SIZE B

28F284

SULLIVAN-SCHEERER CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

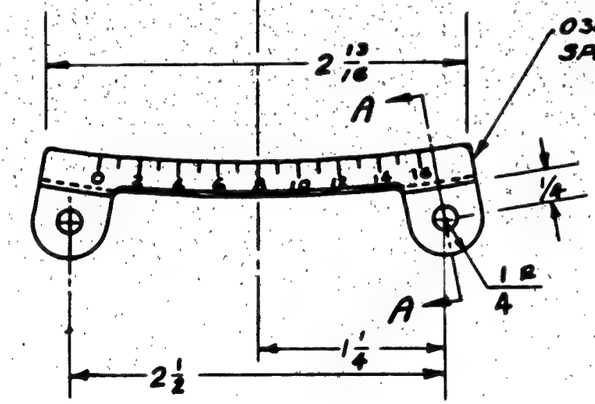
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED	12-31-36	[illegible]
E	WHITE PAINT WAS "LUMINOUS"	4-13-38	[illegible]



FLAT PATTERN OF SCALE

ETCH NUMBERS & GRADUATIONS AND FILL WITH WHITE PAINT. (E)
PAINT BACKGROUND WITH DULL BLACK ENAMEL

NOTE: THIS SCALE TO FIT ANS725 INCLINOMETER



.030 ALUM SHEET SPEC. 47A2 ½ HH

SECTION AA

DRILL (.170) ON ASSEM. WITH 28F1456

FINISH CC.	
Z	[illegible]
P	P-27 [illegible]
AP	[illegible]
C	[illegible] PLATE

	PBY-5A	28F2173	1								
	PBY-4	28F2172									
	PBY-3	28F2173									
	PBY-2	28F2173	1								
	PBY-1	28F1455	1								
	XPBY-1	28F1455	1								
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

APPROVED [illegible] 12-31-36 DATE

CALC.WT: .005 Sec. ACT.WT.

SCALE FULL SIZE

AC

NAVY NOTED.

MATERIAL

REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.			
				Lail.	Stein		Miller
NOTED.	NONE	Z & NOTED		9-27-36	1-12-37		
SPEC.	HEAT TREAT	FINISH		DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME

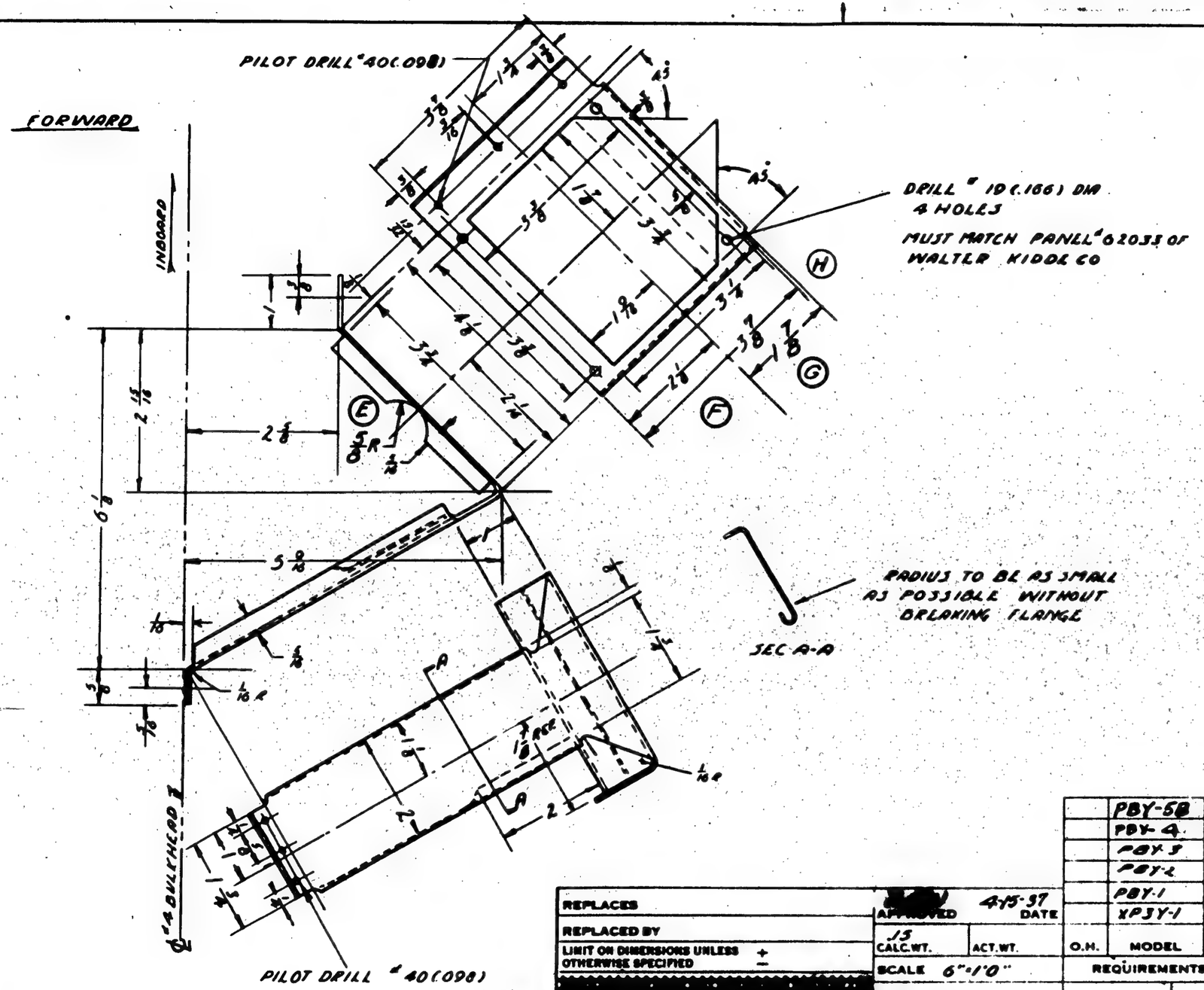
SCALE YNCLINOMETER INCIDENCE

OPP. HAND

DWG. SIZE B

28F296

SULLIVAN-SHERIDAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED	4-13-37	R.M.
E	UPPER FLANGE CUT OFF		
	LOWER FLANGE NOTCHED		
F	2 DIM. REMOVED 4 7/8, 2 1/4		
G	2 DIM. ADDED 1 3/8, 1 7/8 R	7-13-37	[illegible]
H	3 1/4 DIM. WAS 3	7-22-37	[illegible]

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIME

	PBY-5B	28F2068	1								
	PBY-4	28F2068									
	PBY-3	28F2068									
	PBY-2	28F2068									
	PBY-1	28F1209	1								
	XPBY-1	28F316	1								
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −

APPROVED [redacted] 4-15-37 DATE

CALC.WT. .13 ACT.WT.

SCALE 6"=1'0"

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC

NAVY 281 AL ALLOY 3N | ARMY-NAVY-CONDA ALLOY 3N-A | 3P53 | ZP2[redacted]GP

MATERIAL | SPEC. | HEAT TREAT | FINISH

1-30-36 [illegible] [illegible]

Formed 5-20-37

DRAFT | CHECK | EXAM. | ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME BRACKET - FURN. - FIRE EXTIN. PANEL SUPPORT

OPP. HAND

DWG B SIZE 28F1030

SULLIVAN-MCKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

LET	ALTERATION	DATE	BY
K	TRACED NO WT CHG.	10-7-43	J SMITH

NOTES:
#1 SPEC AC.HRP-253 TYPE 2 GRADE C
NAVY 17P5-FBG-FC-N-
#2. GRAIN OPTIONAL

ASSY DASH NO.	MODEL	NEXT ASSY	REQ
REQUIREMENTS PER AIRPLANE			

REPLACES 28E10-[illegible] CALC WT 04
REPLACED BY ACT WT
SCALE 12"=1'0"
STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ -5	RH REQ.
	3/32 X 3 1/2 X 3 1/2	CHANNEL LAMW	NOTED						
PARTS LIST PER ASSY									

AC NONE	NONE		J.S.	MILLER		LCW R
NAVY NONE	NONE		11-10-36			10-23-36
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV ENG.

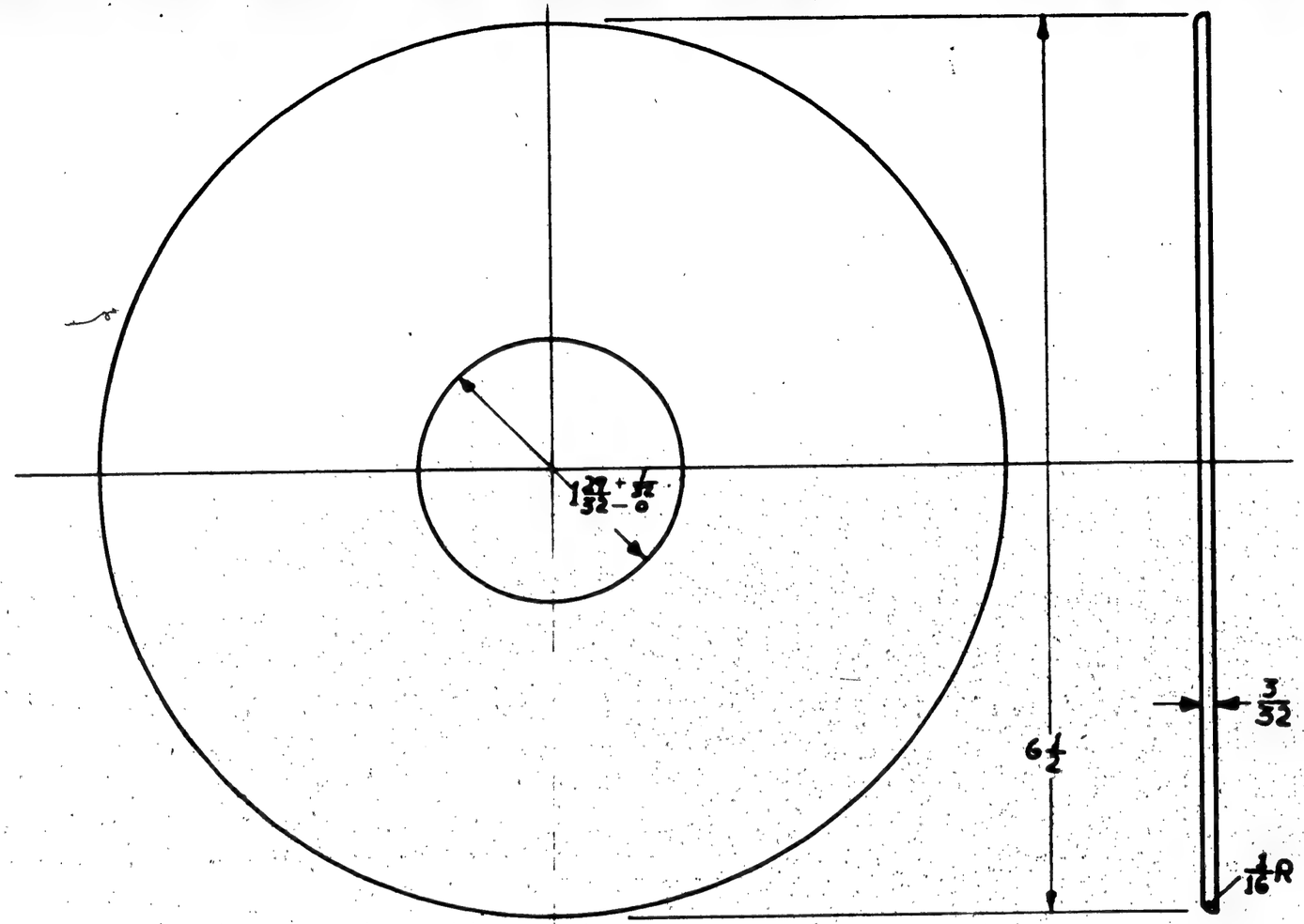
NAME [illegible] INSULATOR-COM. EQUIP
DIRECTION FINDER VERT. BAL. ANT LEAD-IN
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F1047

28F1047

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	4-12-37	[illegible]
C	MATL SPEC WAS 1185 GR. F BG.	1-6-38	RRH



GRAIN OPTIONAL

	PBY-5A	28U5004	2							
	PBY-4	28U5004								
	PBY-3	28U5004								
	PBY-2	28U5004								
	PBY-1	28U1004								
	XP3Y-1	28U1004	4							
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

[redacted]

P.A.U. APPROVED 4-12-37 DATE

.12 KRA CALC. WT. ACT. WT.

SCALE 12" = 1'0"

REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.
AC	17P5		
NAVY PREMOLDED PLY. LAMINATED	TYPE-PBG	NONE	NONE
MATERIAL	SPEC.	HEAT TREAT	FINISH

Reynolds Thurlow 2-4-36 5-7-37

DRAFT | CHECK | EXAM. | ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME DECK INSULATOR
COM. EQUIP. – W'ANT. LEAD IN

OPP. HAND

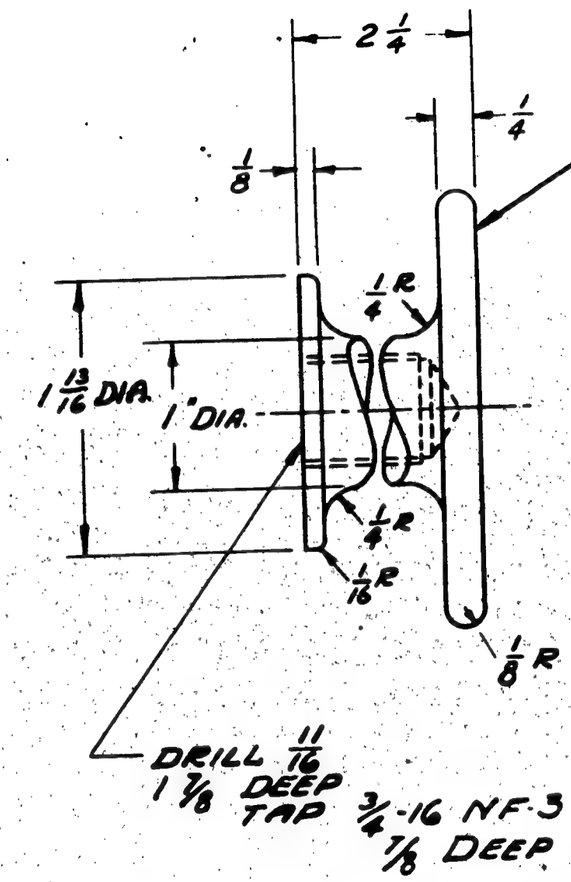
SIZE B

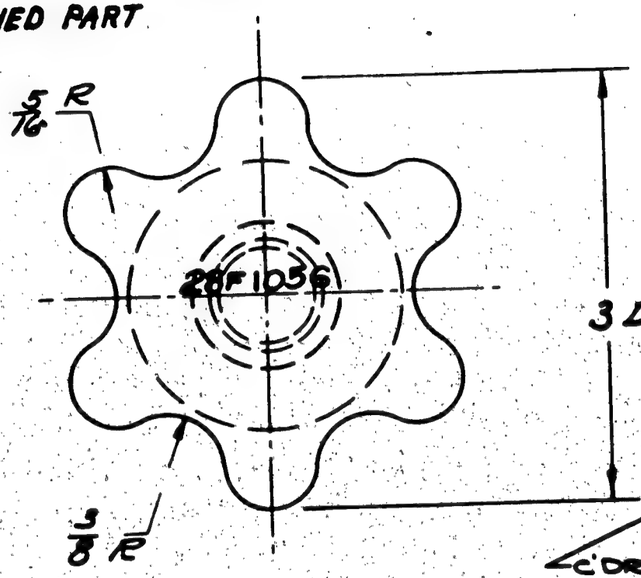
28F1048

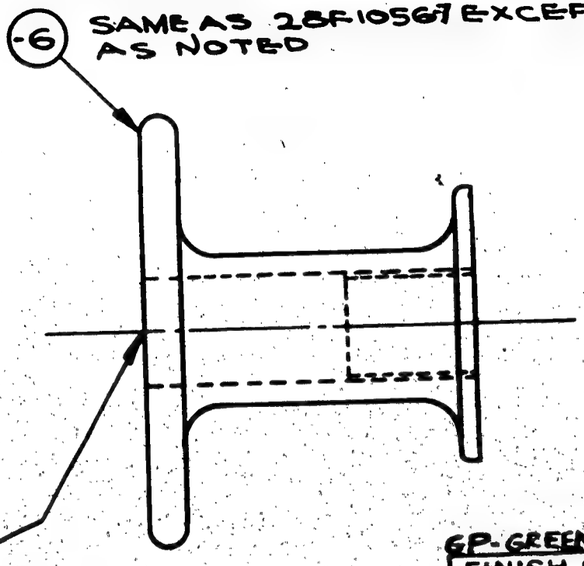
BULLIVAN-McGREGOR CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

LET	ALTERATION	DATE	BY
F	ADDED -7 FINISHED PART TO FACE DWG.		
	28F1056 (ROUGH CASTING) WAS 28A1036		
	ADDED -6 & -7 TO REQTS PER AIRN.		
	BLOCK. NO WT. CHG	5-20-43	JACOBS

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED TO DATE	1-19-37	SUGG
C	CANCELLED FOR PBY-3 (C.O. 6810)	1-17-39	JDR
D	ADDED -6	1-10-40	
E	REM. SPEC. 16A1CL4 & H.T. "NONE"	1-5-43	BRUNER
	FROM B/M & CH'D. TO "NOTED."		
	ADDED ALT. MAT'L NOTE (E)		
	ADDED XP4Y-1 REQ. & PBY-6		







GP-GREEN PRIME

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CHROMIUM PLATE

(E) MATERIAL NOTE:
AL. ALLOY 195T4, SPEC. AN-QQ-A-390
CL. I. 29,000 P.S.I. OR
AL. ALLOY S-195T6, SPEC. AN-A-5, CL II.
32,000 P.S.I.

C88476 →	-0	PBY-6A	28F5722	2								
	-0	PBY-6A	28F6722	2								
	-6	XPBY-1	31A037	2								
E81861 →	-0	PBY-5	28F5722	2								
	-6	PB2Y-3	29A3029-0	2								
	-6	PB2Y-3	29A1029	4								
	-7	PBY-2	28A1005									
	-7	PBY-1	28A1005									
	-7	XPBY-1	28A1005									

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES					
REPLACED BY					
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±					

APPROVED 2-26-36 DATE	1-19-37				
CALC. WT. 26	ACT. WT.				
SCALE 12" = 1 FT.		REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.
AC					
NAVY AL ALLOY Cl'd		NOTED	NOTED	P-2[illegible] GP	E.C. Andrews 2-4-36 / 2-5-D Meyer
MATERIAL		SPEC.	HEAT TREAT	FINISH	DRAFT / CHECK / EXAM. / ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

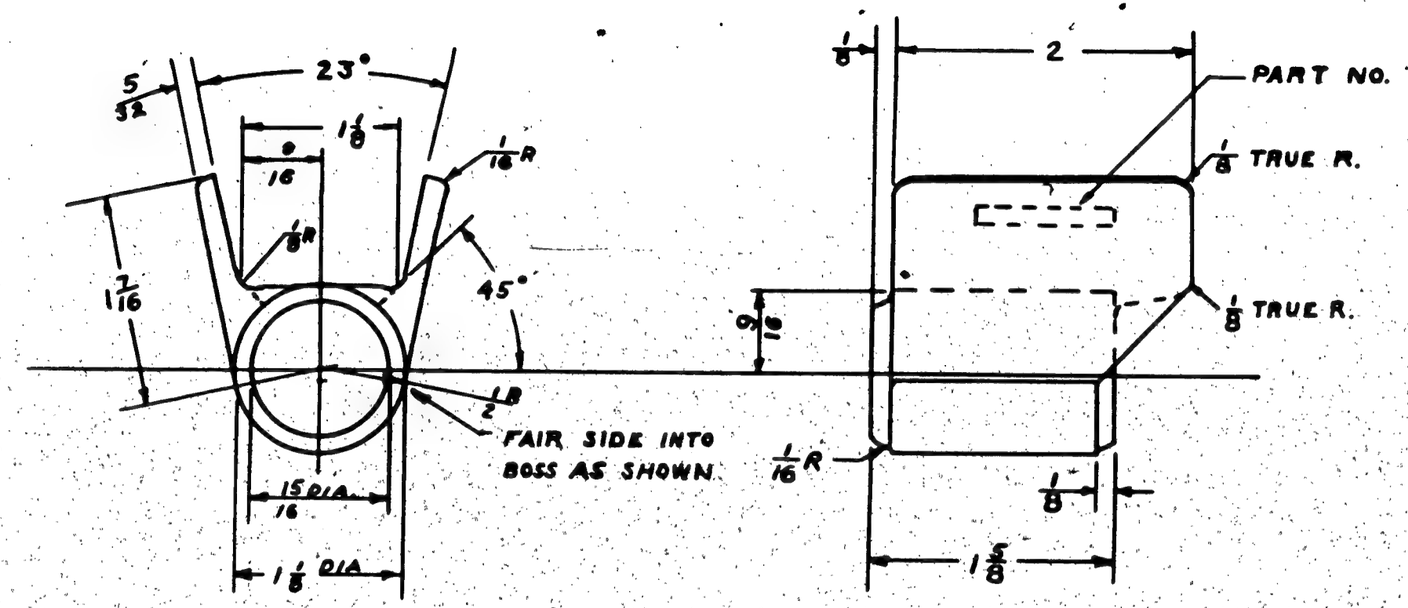
NAME: NUT. .50 CAL. GUN MOUNT-HAND.

OPP. HAND

SIZE B

28F1056

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED UP TO DATE	1-19-37	[illegible]



	PBY-5B	28F1072	4										
	PBY-5A	28F1072	4										
	PBY-4	28F1072											
	PBY-3	28F1072											
	PBY-2	28F1072											
	PBY-1	28F1072											
	XPBY-1	28F1072											

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				

					2-11-36	Anderson			
NAVY AL. ALLOY CTT6	46A1 CL4	29000 # B		NONE	PORTER	2-6-37			
MATERIAL	SPEC.	HEAT TREAT		FINISH	DRAFT	CHECK	EXAM.	ENG.	

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

CALC. WT. | ACT. WT.

SCALE 12" = 1'0"

APPROVED [illegible] 1-19-37 DATE

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME BRACKET (CASTING) FURNS. SEAT REAR ROLLER

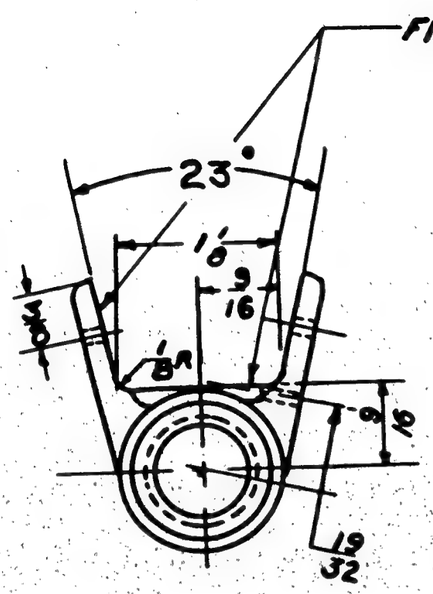
OPP. HAND

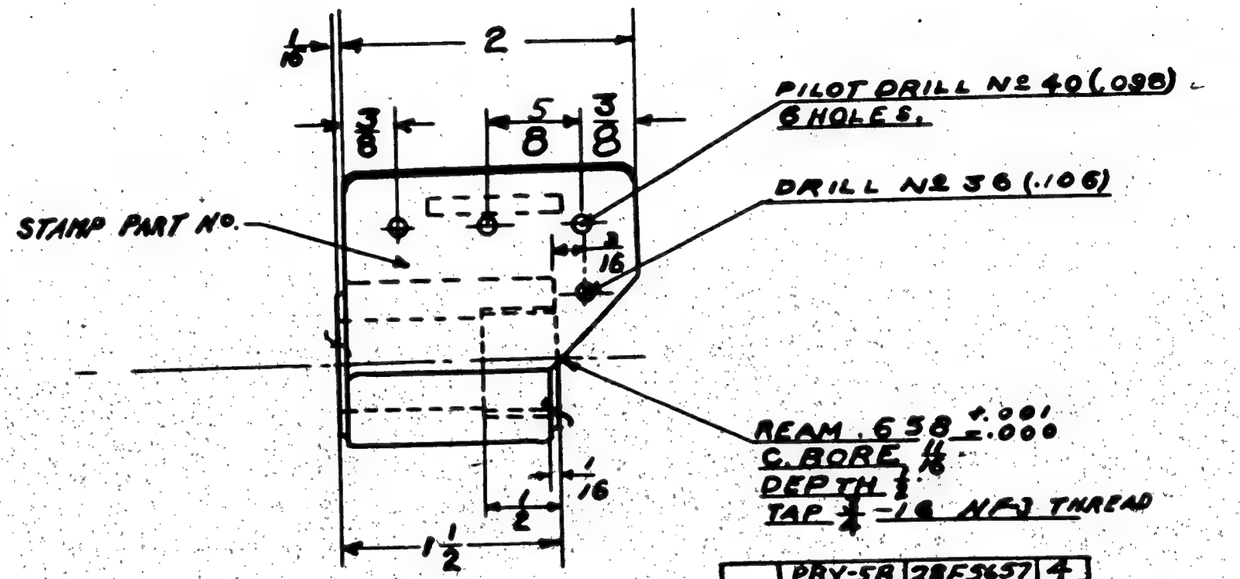
SIZE B

28F1071

SULLIVAN-SCHEUERMAN CO., INC., BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED UP TO DATE	1-8-37	FBT





	PBY-5B	28F5657	4
	PBY-5A	28F1070	4
	PBY-4	28F1070	
	PBY-4	28F1070	
	PBY-3	28F1070-1	
	PBY-3	28F1070	
	PBY-2	28F1070-1	
	PBY-2	28F1070	
	PBY-1	28F1070-1	
	PBY-1	28F1070	
	XPBY-1	28F1070-1	
	XPBY-1	28F1070	2

FINISH CO:
B
A
C

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −

[redacted]

APPROVED 1-5-37 DATE

.19 CALC. WT. ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY NONE MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
							28F1071	1	

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

NONE SPEC. | NONE HEAT TREAT | Z-P FINISH

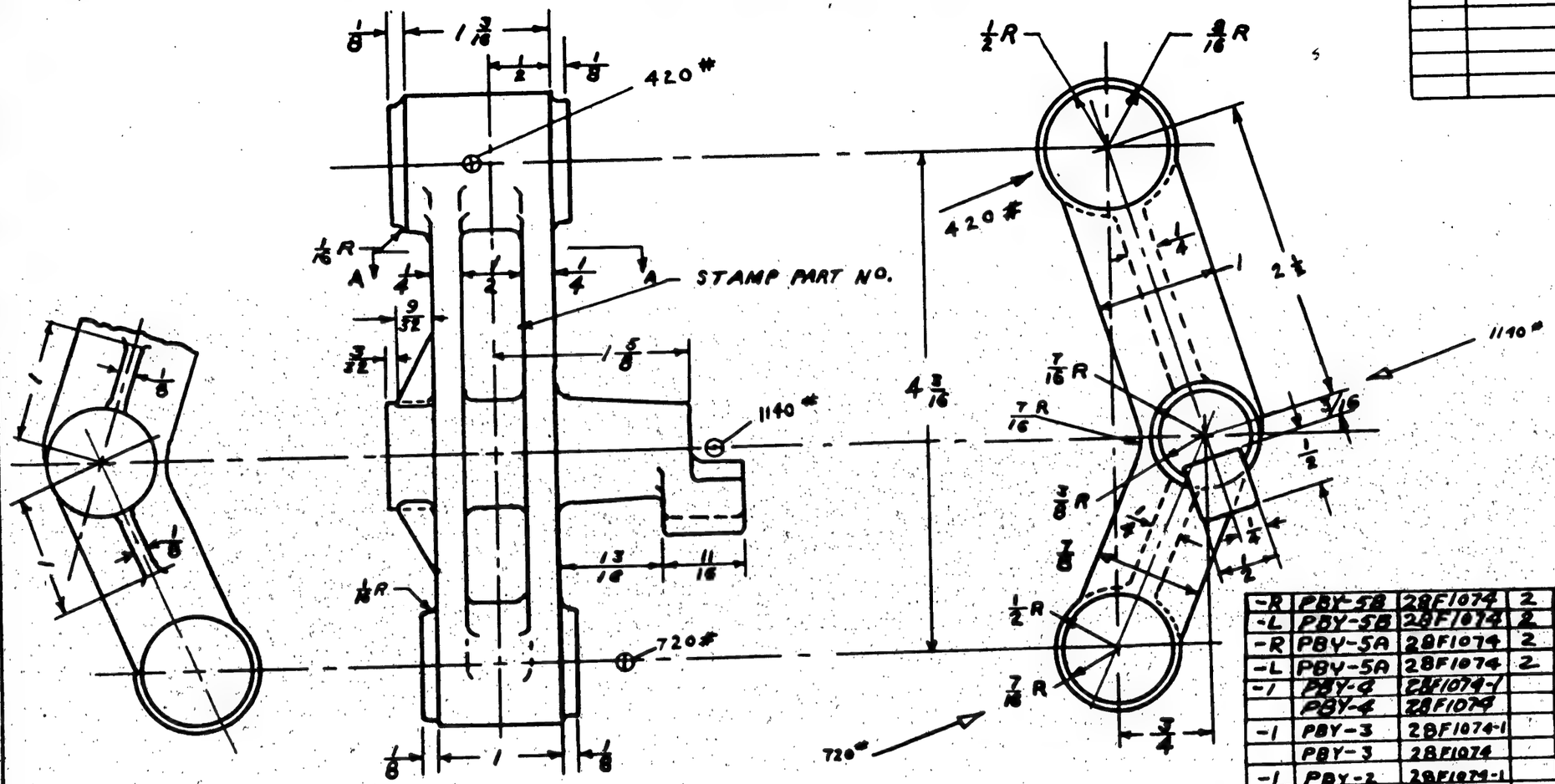
2-11-36 DRAFT | 2-6-37 CHECK | EXAM. | ENG.

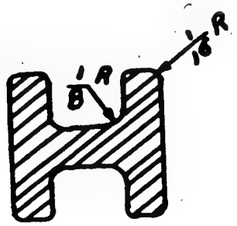
NAME BRACKET FURNS. SEAT REAR ROLLER.

OPP. HAND

SIZE B | 28F1072

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED UP TO DATE	1-6-37	FBT





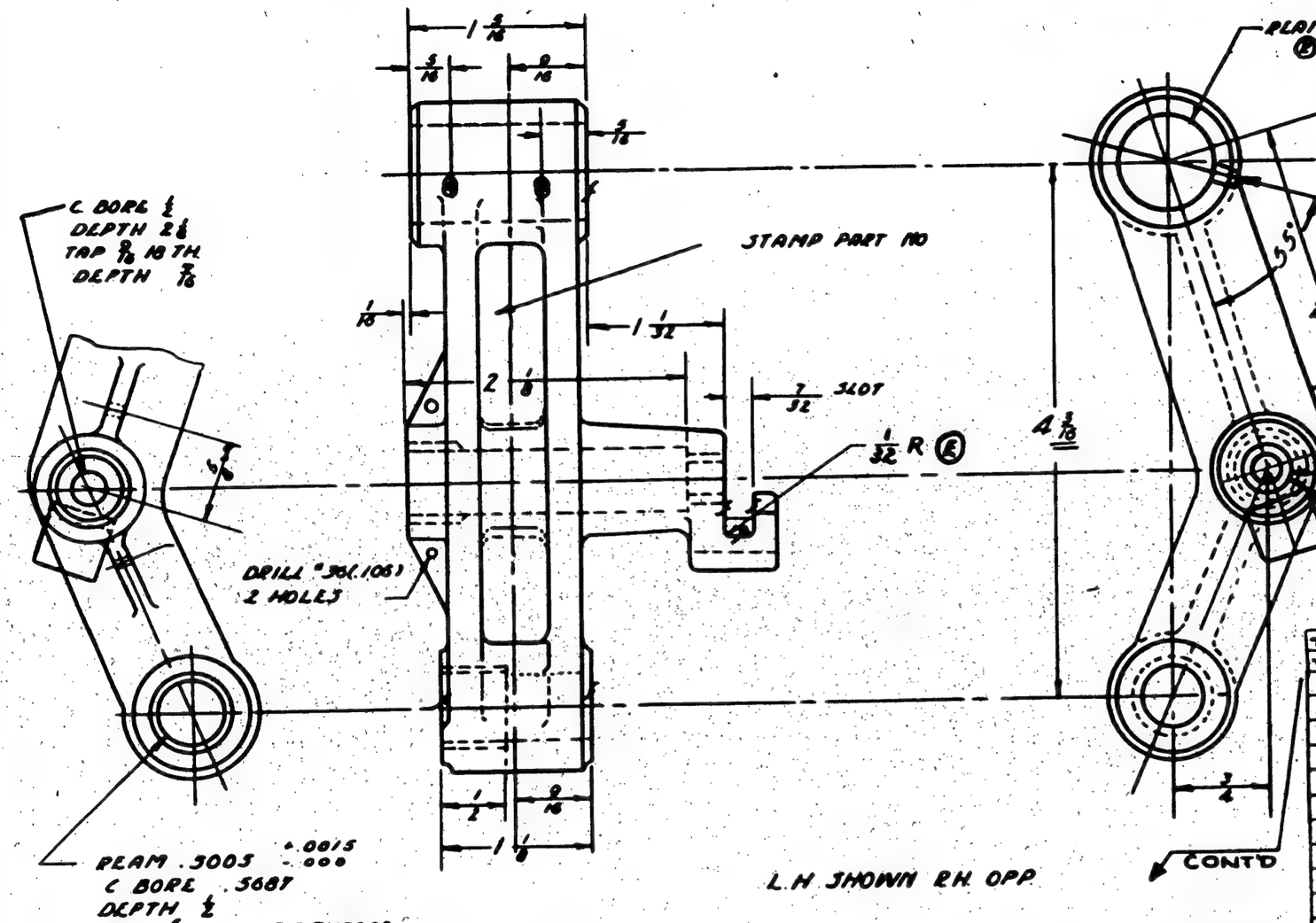
SECT. A-A

ALL RAW ♂ UNLESS OTHERWISE SPECIFIED
LH SHOWN R.H. OPPOSITE

-R	PBY-5B	28F1074	2		
-L	PBY-5B	28F1074	2		
-R	PBY-5A	28F1074	2		
-L	PBY-5A	28F1074	2		
-1	PBY-4	28F1074-1			
	PBY-4	28F1074			
-1	PBY-3	28F1074-1			
	PBY-3	28F1074			
-1	PBY-2	28F1074-1			
	PBY-2	28F1074			
-1	PBY-1	28F1074-1			
	PBY-1	28F1074			
-1	XP3Y-1	28F1074-1			
	XP3Y-1	28F1074			

									LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	4-15-5[illegible]	RM
D	REAMING NOTE ADDED	8/6/[illegible]	[illegible]
E	REAMING NOTE CHANGED, WAS "REAM TO FIT 3/4 DIA TUBE AFTER PLATING" RADIUS NOTE ADDED.	4-11-41	[illegible]
F	CHG'D NOTE "Q612---BUSHINGS TO .374 +.001 -.000 ---Q612-8-8 INST. CHG.	7-1-42	SWAN



FINISH CODE

Z	[redacted]
P	
AP	
C	

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
-1	PBY-4	28F1070-1	-R	PBY-5A	28F1070	2			
-1	PBY-4	28F1070	-L	PBY-5A	28F1070	2			
-1	PBY-3	28F1070-1	O.H	MODEL	NEXT ASSY	REQ			
-1	PBY-3	28F1070							
	PBY-3	28F1070-1							
	PBY-3	28F1070							
-1	PBY-2	28F1070-1							
-1	PBY-2	28F1070							
	PBY-2	28F1070-1					Q612-8-8	1	1
	PBY-2	28F1070							
-1	PBY-1	28F1070-1							
	PBY-1	28F1070-1					28F1073-1		1
-1	PBY-1	28F1070					28F1073	1	
	PBY-1	28F1070							

-L	28-5AMN	28F1070	2
L/R	PBY-5B	28F5657	[illegible]
L/R	28-5AMC	28F5667	[illegible]
L/R	28-5ME	28F5667	[illegible]
L/R	28-5MC	28F5672	[illegible]
L/R	28-5MA	28F5657	[illegible]
L/R	28-5MN	28F10702	[illegible]

-1	PBY-5&5A	28F1070-1	2
	PBY-5&5A	28F1070	2
O.H.	MODEL	NEXT ASSY	REQ
REQ. PER AIRPLANE			

REPLACES

REPLACED BY

LIMIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

APPROVED [illegible] DATE

CALC. WT. 31 ACT. WT.

SCALE 12" : 1'0"

NAVY NONE

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP FT. No. WHERE SHOWN

REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.
			2-13-36 [illegible] Green
NONE	NONE	NOTED	Parker 5-20-39
SPEC.	HEAT TREAT	FINISH	DRAFT / CHECK / EXAM. / ENG.

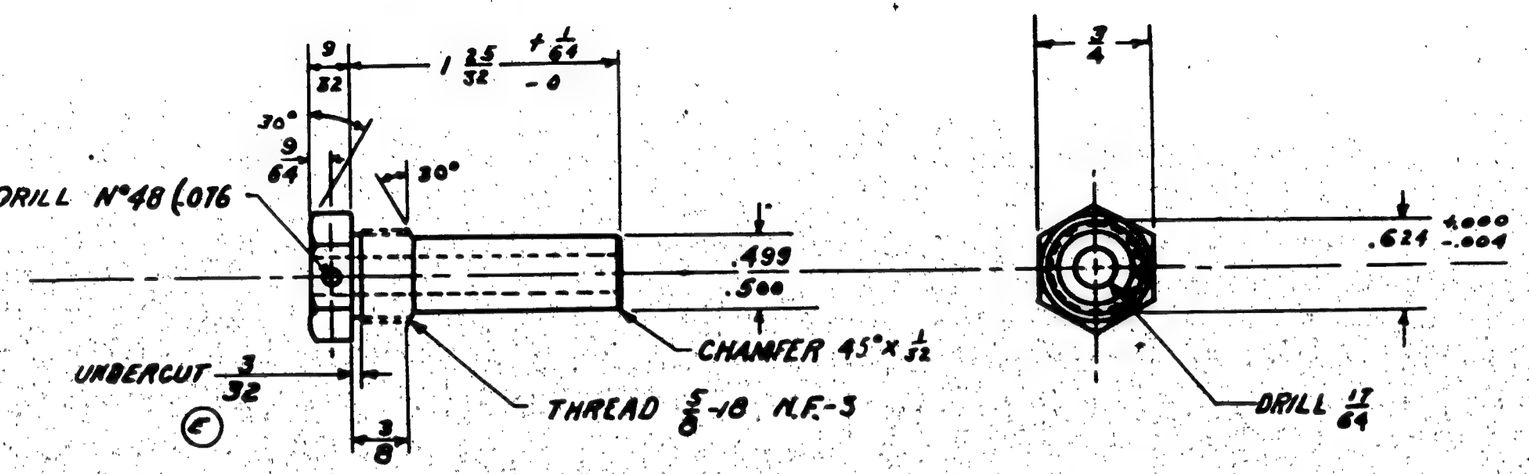
NAME BRACKET
FURN SEAT FRONT ROLLER

OPP. HAND 28F1074-1

DWG B SIZE 28F1074

SHANAHAN-MORRISON CO., INC. BUFFALO
OFFICIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED UP TO DATE	1-8-37	EBT.
E	3/8 DR. CUT WAS 3/32	1-6-38	R.R.H.
F	IN Bkg, SPEC WAS "AN823" & HEAT TREAT WAS "NAF.SH.27-1". (No Wt. Chg.)	5-24-[illegible]	[illegible]



C-10490 - 77713 & 80476 —

	PBY-5B	28F6789	4
	PBY-5A	28F1024	4
	PBY-4	28F1024-1	
	PBY-4	28F1024	
	PBY-3	28F1024-1	
	PBY-3	28F1024	
	PBY-2	28F1024-1	
	PBY-2	28F1024	
	PBY-1	28F1024-1	
	PBY-1	28F1024	
	XPBY-1	28F1024-1	
	XPBY-1	28F1024	2

	28SAMN	28F1024	4
	28SAMC	28F5782	4
	28SMN	28F1024	4
	28SME	28F5789	4
	28SMC	28F6789	4
	28SMA	28F5789	4
	PBY-5A	28F6789	4
	PBY-5	28F5789	4
	PBY-5	28F1024	4
O.H	MODEL	NEXT ASSY	REQ.

C-13595
C-9187G-346
C-70496 & 9187G 17035

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

[redacted]

APPROVED [illegible] DATE 1-6-37

CALC. WT. .11 ACT. WT.

SCALE 12 "=1'-0"

AC

NAVY C.M.S. BAR.

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP FT. No. WHERE SHOWN

O.H	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				
AN-QQ-S-684		120,000 TO 145,000 PSI		C					
SPEC.		HEAT TREAT		FINISH					

	DRAFT	CHECK	EXAM.	ENG.
	1-15-36 Anderson			
	Whitney 2-6-37			

NAME BEARING FURN S PILOT'S SEAT FRONT ROLLER

OPP. HAND

SIZE B 28F1082

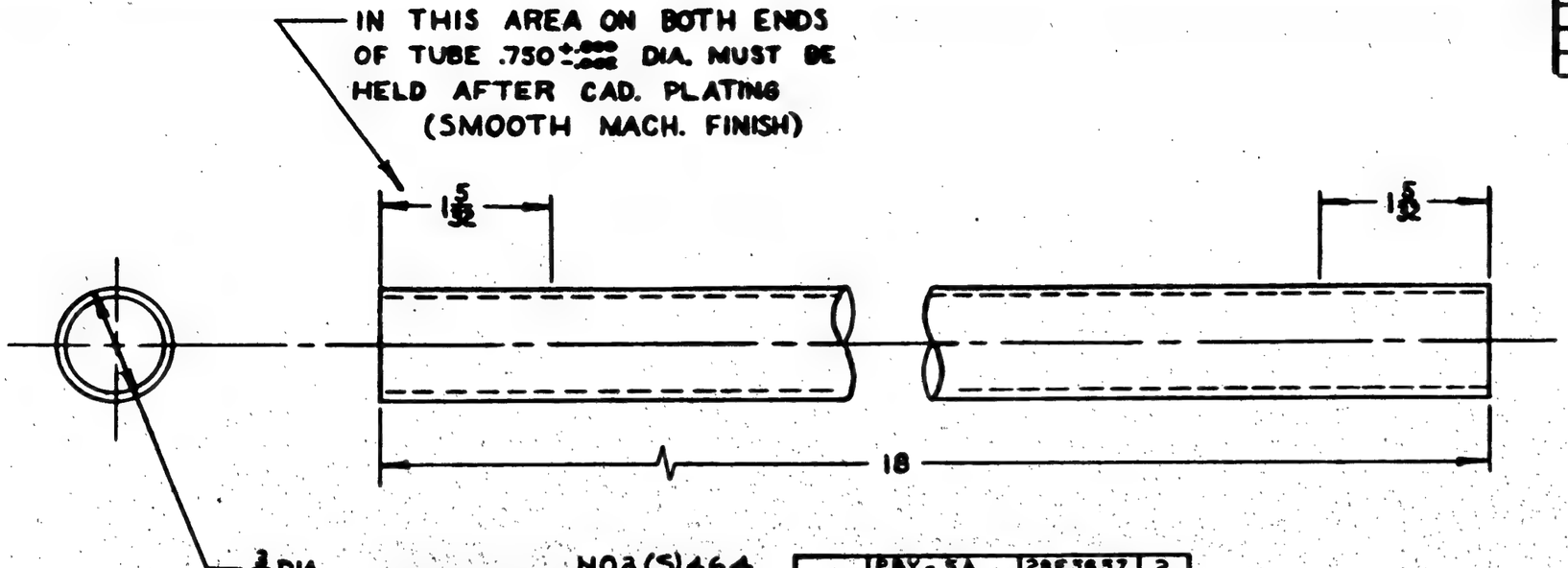
FINISH C

Z	[illegible]
P	[illegible]
AP	[illegible]
C	[illegible]

[illegible] Co., Inc. Buffalo
National Trading Card

LET	ALTERATION	DATE	BY
G	TRACED NO WT. CHG	[illegible]	[illegible]

28F1088



NO2(S)464
C70496-77713 & 80476
C 91876-*346 & ON

C70 96 & 91876-#1-345

NOTE-

ALTERNATE MATERIALS:

1. CHROME-MOLY WELDED TUBING AN-T-3, TYPE I, COND N.
2. CHROME-MOLY SEAMLESS TUBING AN-WW-T-850, COND N.

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28F3657	2
	PBY-5A	28F1070	2
	PBY-5	28F3657	2
	PBY-5B	28F3657	2
	PBY-5	28F1070	2
	PBY-4	28F1070	
	PBY-4	28F1070-1	
	28-5MM (ANN	28F1070	2
	28-5MC (AMC	28F3657	2
	28-5MA (MC	28F5687	2
	PBY-1,2,3	28F1070	
	PBY-1,2,3	28F1070	
	XP3Y-1	28F1070-	
	XP3Y-1	28F1070	

REQUIREMENTS PER AIRPLANE

REPLACES 28F1088 OF 10-27-36 | .72 SPEC. WT.

REPLACED BY | ACT. WT.

SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

PART No	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
	⌀ .750 OD X .065 X 18 V8	NOTED	NOTED										

PARTS LIST PER ASSY.

AC		2-20-36	J.S.	3-5-36		L.C.W.					
NAVY NORMALIZE	C	PORTER	11-13-36	GREEN		10-27-36					
HEAT TREAT	FINISH	DRAFT	CHECK	EXAM	MAT.	APPROV.	ENG.				

NAME TUBE - FURN - SEAT OPERATING MECHANISM

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

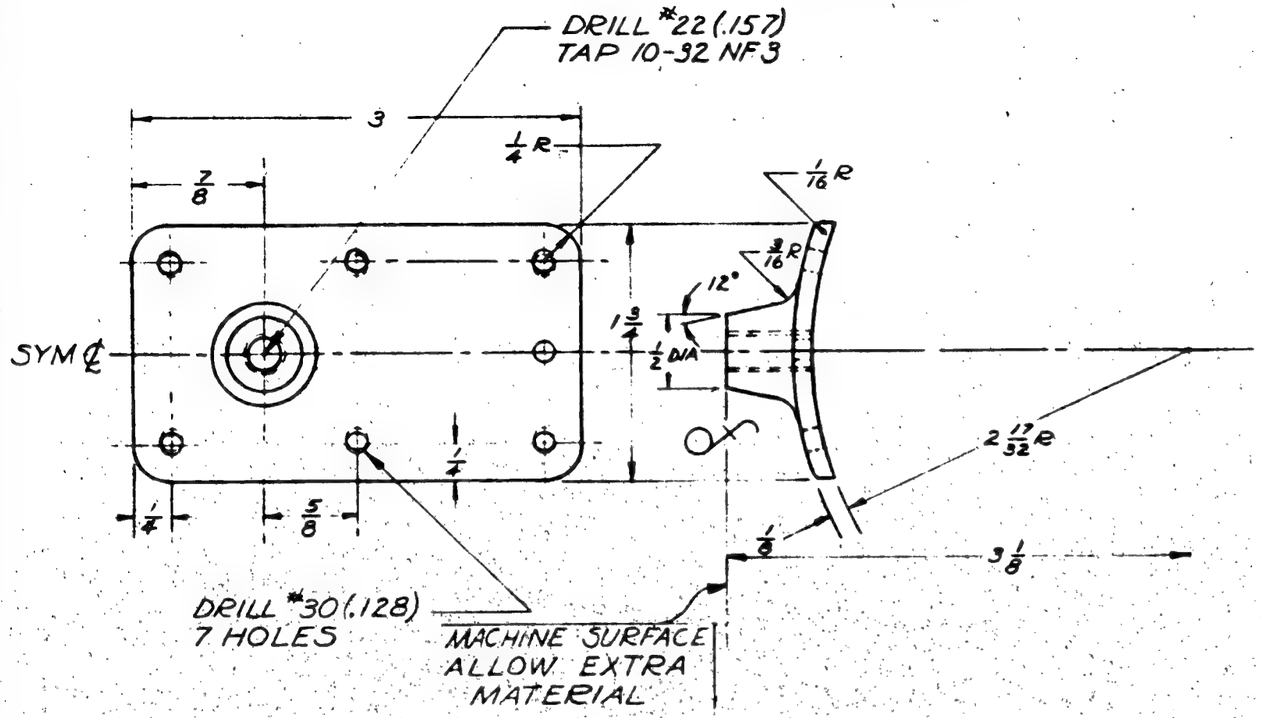
SIZE B

28F1088

R

LET	ALTERATION	DATE	BY
K	TRACED NO WT. CHG.	10-1-43	[illegible]

28F1097



NOTE:
*1- ALTERNATE MATERIAL MAY BE S-195T6, SPEC. AN-A-5 CL II 32,000 PSI.

	PBY-5B	28F1096	4
	PBY-5A	28F1096	4
	PBY-5	28F1096	4
	ALL 28-5'S	28F1096	4
	PB2Y3	28F1096	4
	XP4Y-1	28F1096	4
ASSY. DASH NO	MODEL	NEXT ASSY.	REQ

REQUIREMENTS PER AIRPLANE

REPLACES 28F1097 10-27-36 .08 CALC WT.

REPLACED BY ACT WT

LIMIT DIM. UNLESS OTHERWISE SPECIFIED ± 1/32 SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

FINISH CODE	
Z	ANODIC TREATMENT
P	[illegible] PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
28F1097 ■	AL ALLOY CASTING	356T6	QQ-A-394										

PARTS LIST PER ASSY.

AC		LIVERS	G.C.	GREEN		L.C.W.			
NAVY 30,000 #/□	Z-P-2GP	2-20-36	4-22-36	2-22-36		10-27-36	.		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.		

NAME SUPPORT - FURN - FLARE ADAPTER

OPP. HAND

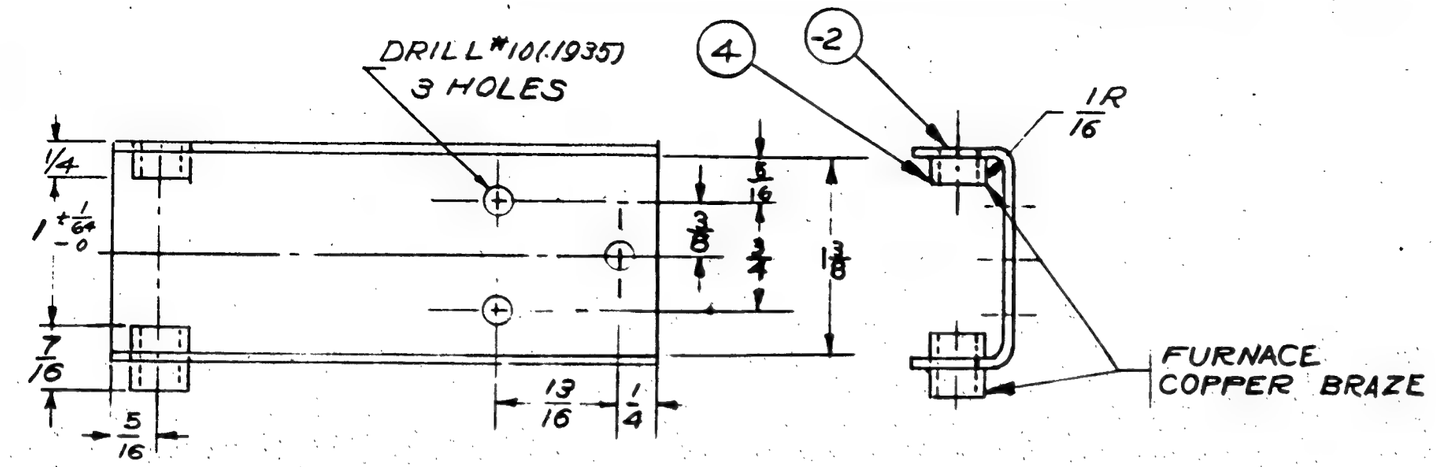
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

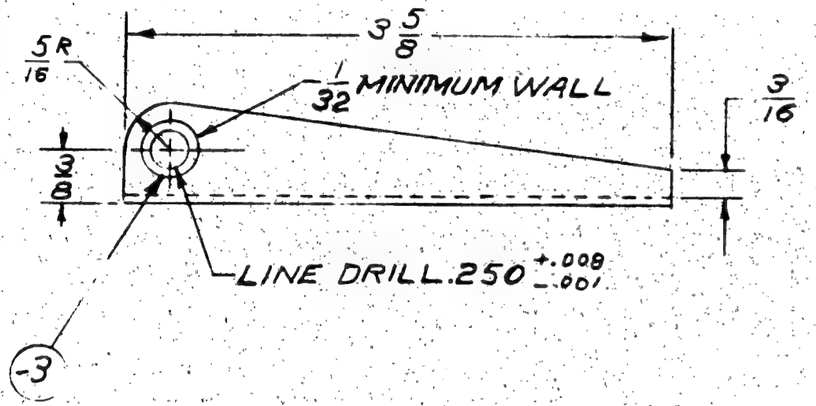
DWG. SIZE B

28F1097

LET	ALTERATION	DATE	BY
H	TRACED NO WT. CH'G	10/2/43	DOLPH

28F1119





	PBY-5B	28A1006	2
	PBY-5A	28A1006	2
	PBY-3	28A1006	2
	PBY-3&4	28A1006	2
	PBY-1&2	28A1006	2
	ALL 28-5'S	28A1006	2E
	XP4Y-1	29A0394	1/1
	XP3Y-1	28A1006	2
	PB2Y-3	29A3045	2
	PB2Y-2	29F1804	1/1
	XPB2Y-1	29A006	2

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ

REQUIREMENTS PER AIRPLANE

REPLACES 28F1119 (10-30-36) .16 CALC WT.

REPLACED BY ACT. WT.

LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ±1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-4	3/8 O.D. X .083 X 3 3/8	C.M. STL	44T18	1									
-3	3/8 O.D. X .083 X 9/16	C.M. STL	44T18	1									
-2	.063 X 2 3/4 X 3 3/4	CHR. MOLY STL	AN-QQ-S-685	1									

PARTS LIST PER ASSY. -0 -5

AC		WEIR	F. K	GREEN		L.C.W	JS	
NAVY NORMALIZE	C-P-GP	2/26/36	6/6/36	3/24/36		10/30/36	11/13/36	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

NAME CHANNEL-FIXED EQUIP.-FLARE BASE

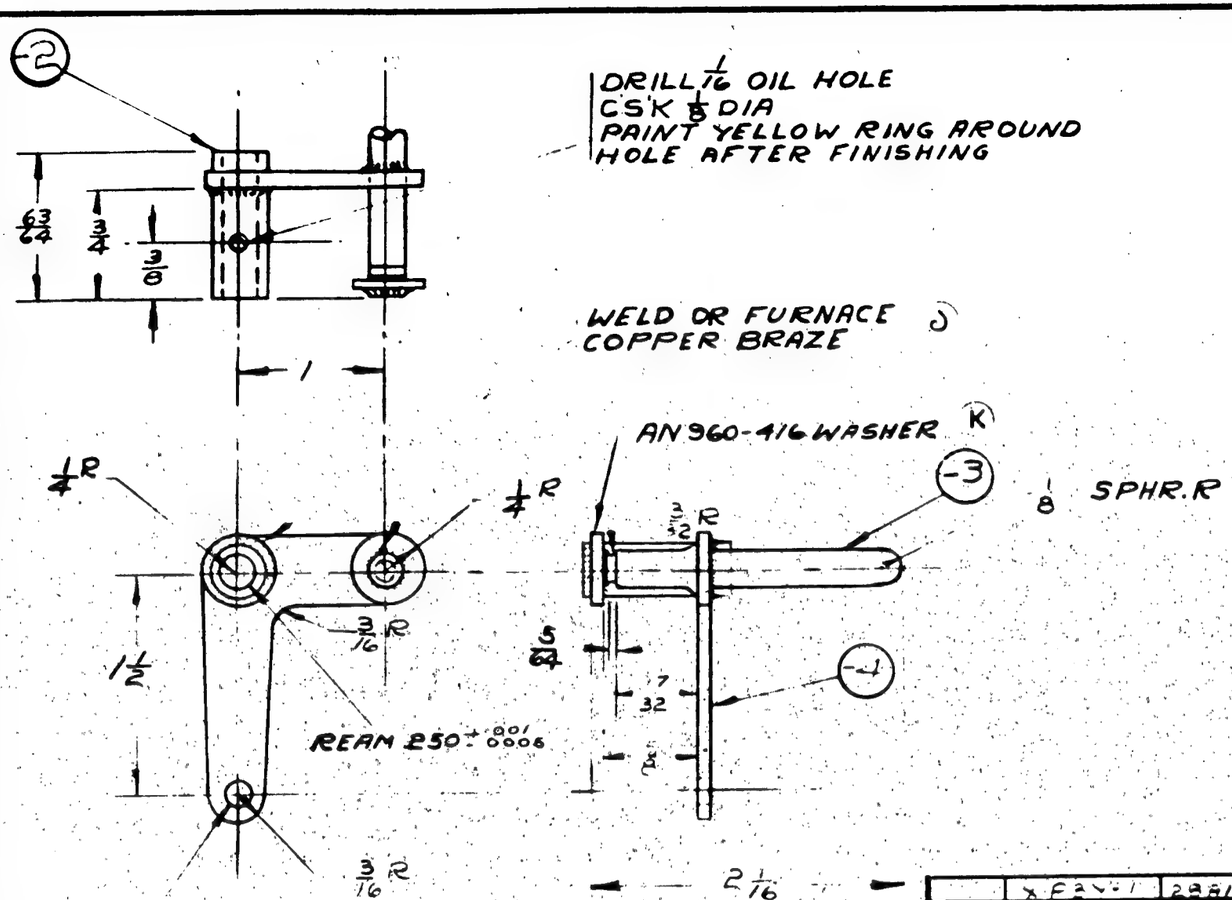
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B — 28F1119

R

LET	ALTERATION	DATE	BY
H	TRACED NOT CHG	8-20-43	BIELECKI
J	ADDED NOTE WELD OR		
	FURNACE COPPER BRAZE		
	WT CHG NEG	8-20-43	BIELECKI
K	AN960-416 WAS S 700B-8-63		
	NO WT CHGS	8-20-43	BIELECKI



FINISH CODE	
A	ANODIZE
P	PAINT
C	CADMIUM PLATE

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.
	X FBY-1	28A1006	
	X FBY-1	28A1006	
	PBY-3	28A1006	
	PBY-2	28A1006	
	PBY-1	28A1006	

REQUIREMENTS PER AIRPLANE

REPLACES 28F1120-07-xx .08 CALC WT.

REPLACED BY ACT WT.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ± .010

SCALE 12 = 1.0

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ	RH REQ	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN960-416				1							
-4	.094 x 1 5/8 x 2 3/8	CM ST SHT	AN-QQ-S-685	1							
-3	1/4 DIA x 2 1/4	CM ST ROD	AN-QQ-S-[illegible]	1							
-2	[illegible]	CM ST TUBE	[illegible]	1							
-1	[illegible]	[illegible]	[illegible]	-0							

PARTS LIST PER ASSY.

AC / NAVY 90,000 T.S. 125 000 P/D	C - P - GP	WIER 2-27-36	[illegible] 6-9-36	[illegible] 8-24-36		[illegible] 11-16-36	[illegible] 12-8-36
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME LEVER ASSY FIXED EQUIP
FLARE BASE

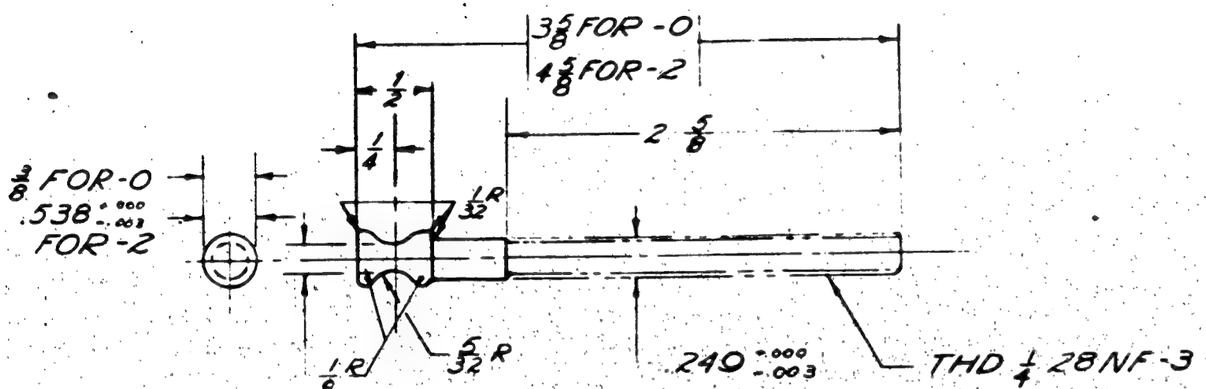
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F1120

LET	ALTERATION	DATE	BY
E	TRACED NO WT. CHG	10-2-43	J.H. Williams

28F1150



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

C-88410	-2	PBY-5B	28F1149	1
C-77713	-2	PBY-5A	28F1149	1
C-91876	-2	PBY-5	28F1149	1
	-0	ALL 28-5-3	28F1149	4EA
C-70496	-0	PBY-5E 5A	28F1149	4EA
		PBY-1-2-3-4	28F1149	2EA
		XPBY-1	28F1149	2
	ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES 28F1150 11-3-36 — CALC WT. .05

REPLACED BY — ACT WT.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE ± 1/32 & NOTED — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
28F1150-2	5/8 x 4 3/4 BAR	C.M.S. BAR	AN-QQ-S-684						
28F1150	1/2 x 3 3/4 BAR	C.M.S. BAR	AN-QQ-S-684						

PARTS LIST PER ASSY.

AC 120,000 TO NAVY 145,000 PSI		3-3-36		GREEN		L.C.W.			
	C	WHITNEY	11-13-36	9-18-36		11-3-36			
HEAT TREAT	FINISH	DRAFT	CHECK	STRESS	MAT.	APPROV.	ENG.		

NAME BOLT - FURN - PILOTS SEAT EXERCISER CORD

OPP. HAND

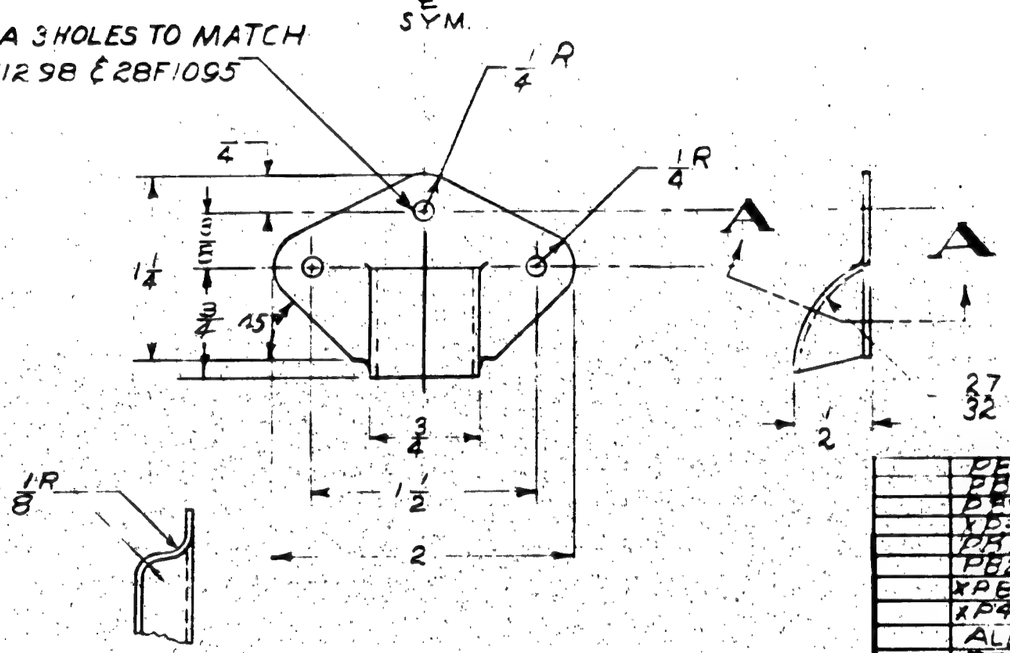
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F1150

R

LET	ALTERATION	DATE	BY
E	TRACED NO WT. CHG.	10-9-43	C. ALLRED

28F1158



SECTION A-A

MATERIAL NOTE:
.040 52S0 AL. AL. SPEC. 47A11 TEMPER, CLAD
2 .031 STAINLESS STEEL SPEC. AN-QQ-S-772 COMP. 6 COND. A.I.

FINISH CODE	
Z	[illegible] TREATMENT
P	[illegible] ER
GP	[illegible] MER
C	CADMIUM PLATE

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ
	PBY-5B	28A1006	2
	PBY-5A	28A1006	2
	PBV-5	28A1006	2
	VB-Y-1	28A1006	2
	PBY-2	28E619	1
	PB2Y-3	28A1045	1
	XPB2Y-1	29A006	
	XP4Y-1	31A039	1
	ALL 28-5	28A1006	2 EA
	PBY-3-4	28A1006	
	PBY-1 & 2	28A1006	

REQUIREMENTS PER AIRPLANE

REPLACES	.02 CALC WT.
28F1158 OF 11-4-36	
REPLACED BY	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010	SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
	.040 x 2 1/2 x 3	NOTED	NOTED										

PARTS LIST PER ASSY.

AC		LIVERS	J.S.	SPEEN		LC N	
NAVY NONE	ZP-2GP	3-7-36	11-13-36	11-29-36		11-12-36	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

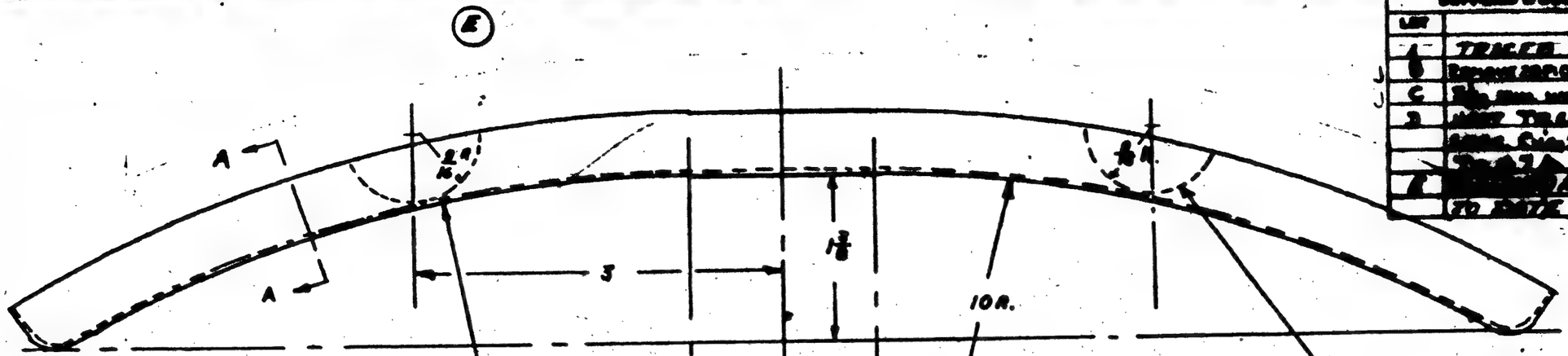
NAME GUARD
FIXED EQUIP. - LATCH FLARES

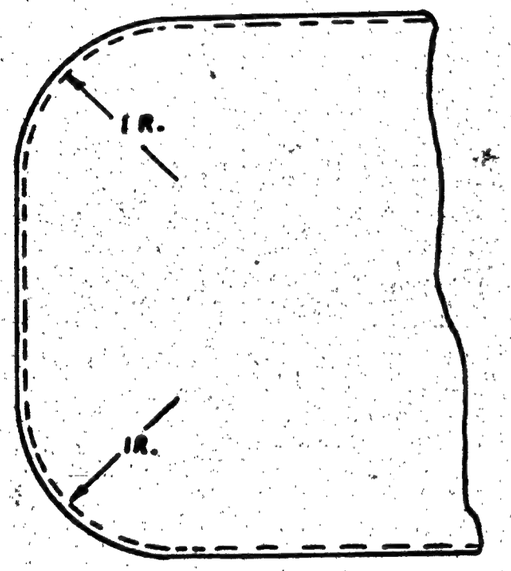
OPP. HAND

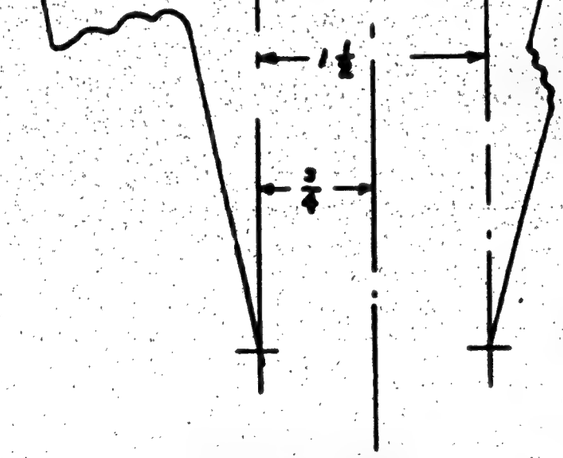
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

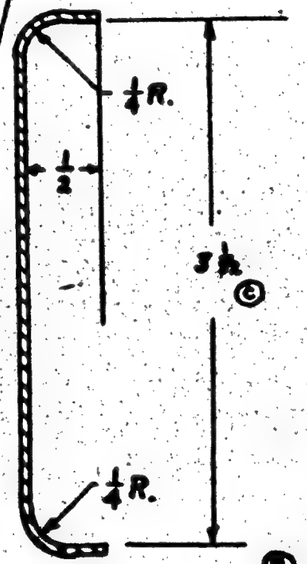
DWG. B SIZE 28F1158

R









SECTION A-A

LIT	ASSEMBLY
-	TRACER MATERIALS
B	REMOVE AND DISASSEMBLY FOR ITEMS 2 & 3
C	[illegible]
D	HEAT TREATMENT ARMOR PL.
	[illegible]
	[illegible]
	TO PLATE

GP-GREEN PRINT

QUAN.	MATERIAL SPEC.	SIZE	PART NO.
	ARC1166	/	
		/	
		/	
		/	
	ARP1166	/	
PRY-3	28F1166	/	
[illegible]	ARP1166	[illegible]	
PRY-2	28F1166	/	
PRY-1	28F1962	/	
PRY-1	28F1166	/	
XPRY-1	28F1166	/	

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DECIMALS UNLESS

DATE

NET WT. | ACT. WT.

SCALE 12" = 1'-0

DWG

NAVY .040 ALUMINUM

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

CORRECT FT. lbs. WHERE SHOWN

SPEC.	HEAT TREAT	FINISH
63110-A	AR 53	Z-P-2

DRAFT	CHECK	ENGR.	STR.
24-46			
2-9-47			

NAME

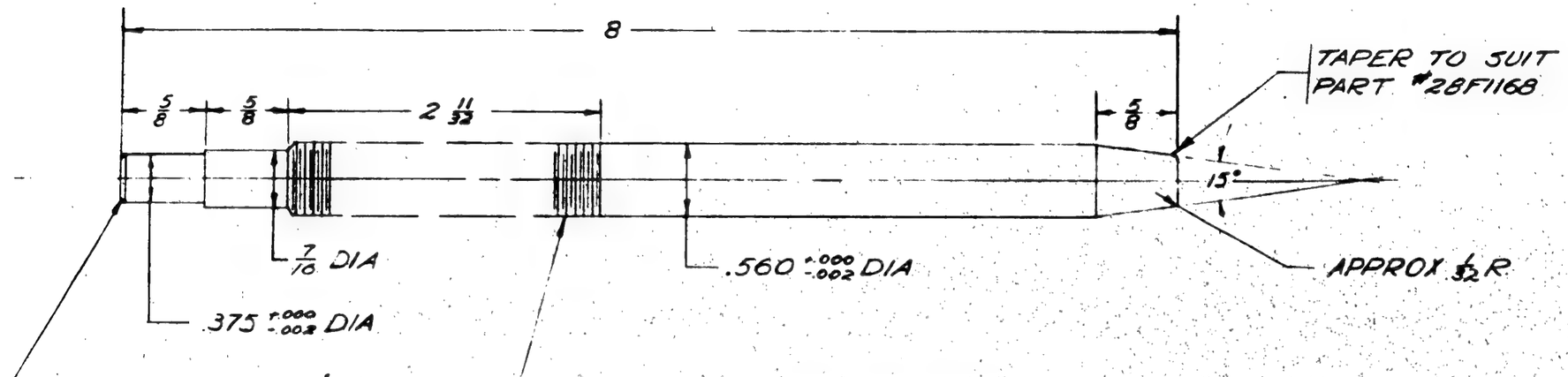
BACK - FURNISHINGS - BOMBER'S SEAT

GPP. NAME

28F1166

LET	ALTERATION	DATE	BY
F	TRACED NO WT. CHG.	10-1-43	[illegible]

28F1167



THD 9/16-18NF3 TRIPLE THREAD
CHAMFER TO DEPTH OF THREAD
THDS TO SUIT PART #28F1169

NOTE:
MATERIAL MAY BE:
1. CR. MOLY STEEL SPEC. AN-QQ-S-684
T.S 65,000 TO 90,000 PSI
2. SAE 1025 STEEL SPEC. AN-QQ-S-646
55,000 P.S.I. MINIMUM

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ'D
	PBY-5B	28F1171	1
	PBY-5A	28F1171	1
	PBY-5	28F1171	1
	28-5 SCAT	28F1171	AR
	PBY-1,2,3	28F1171	AR
	XPY3-1	28F1171	1

REQUIREMENTS PER AIRPLANE

REPLACES 28F1167 11-6-36 — 54 C/LE WT.

REPLACED BY — ACT. WT

LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± .010 ∠ 1/4°

SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
PARTS LIST PER ASSY.	9/16 DIA x 8 1/8 REDD	NOTED	NOTED										

AC		BOULEY	QB	GREEN		L.C.W	
NAVY NOTED	C	3-7-36	11-13-36	4-3-36		11-6-36	
HEAT TREAT	FINISH	DRAFT	CHECK	SKAM.	MAT.	APPROV	ENG.

NAME SCREW-ARMAMENT-TUNNEL GUN LOCK

OPP. HAND

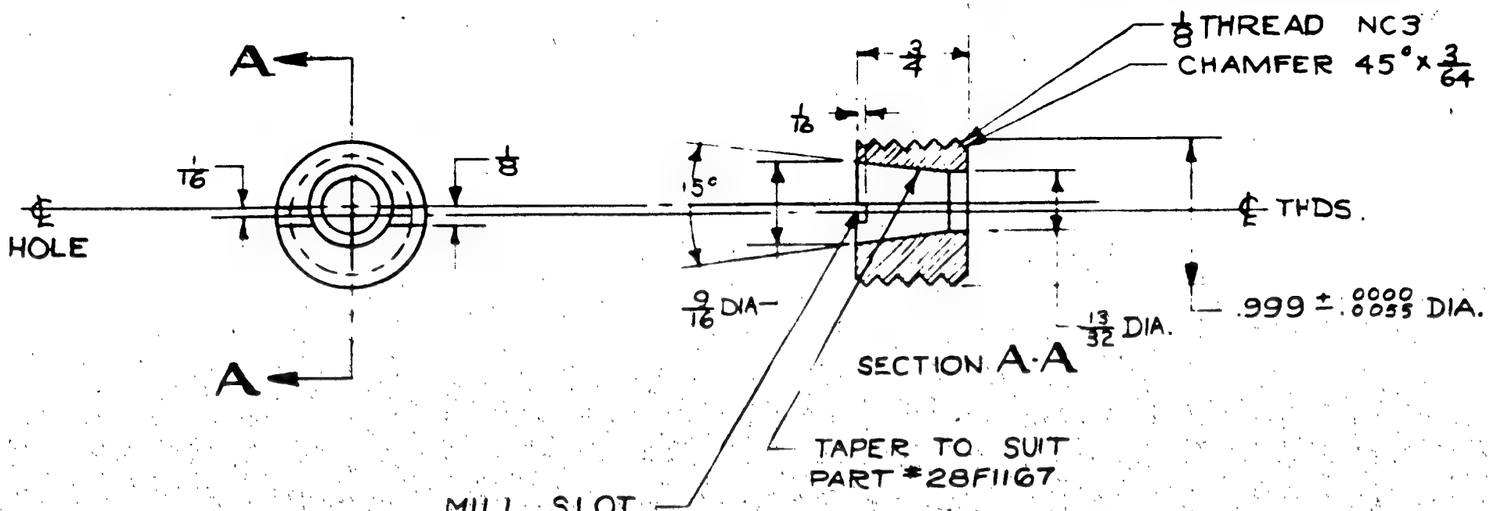
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F1167

R

LET	ALTERATION	DATE	BY
G	TRACED (NO WT. CHG)	10-5-43	SMITH

28F1168



C70496 77713, 65696 ONLY

MCR # 258-B

	PBY-5A	28F5566	1
	PBY-5A	28F1171	1
	PBY-5A	28F1101	1
	PBY-5A	28A5080	1
	PBY-5	29F1171	1
	PBY-5	28A5080	1
	PBY-5	28F1101	1
	PBY-5B	28F1101	1
	PBY-5B	28F1171	1
	28-5AMN	28F5566	1
	28-5ME(AMC)	28F5562	1 EACH
	28-5MA(MC)	28F5562	1 EACH
	ALL 28-5'S	28F1171	1 EACH
	PBY-1-2-3-4	28F1101	1 EACH
	PBY-1-2-3-4	28F1171	1
	XP3Y-1	28F1171	1
	XP3Y-1	28F1101	1
ASSY DASH NO	MODEL	NEXT ASSY.	REQ

REQUIREMENTS PER AIRPLANE

REPLACES (11-7-36) 28F1168 — CALC. WT. .13

REPLACED BY — ACT. WT

LIGHT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010 & ± 1/4 — SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

NOTE:

MATERIAL MAY BE

1. CR. MOLY STEEL SPEC: AN-QQ-S-752, T.S. 65,000 TO 90,000 P.S.I.

2. S.A.E. 1025 CARBON STEEL. SPEC: AN-QQ-S-646 T.S. 55,000 P.S.I.

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-6	1 DIA x 7/8	NOTED	NOTED	1									

AC		BOULEY	J. S.	GREEN		L.C.W
NAVY NOTED	C	3-7-36	11-13-36	9-3-36		11-7-36
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV. ENG.

NAME SOCKET - ARMAMENT - TUNNEL GUN LOCK

OPP. HAND

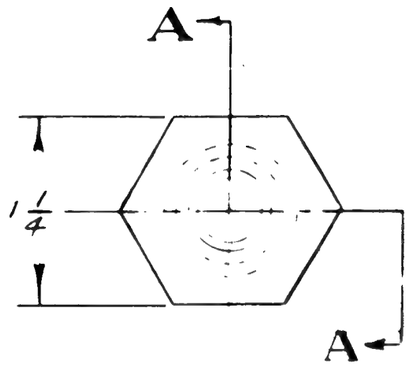
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

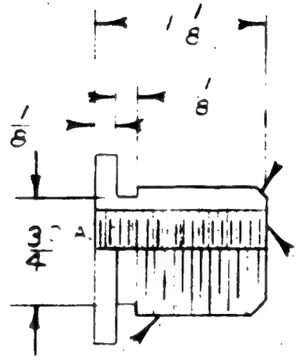
DWG. B SIZE

28F1168

LET	ALTERATION	DATE	BY
E	TRACED. NO WT. CHG	10-1 43	WOLFE

28F1169





- CHAMFER 45° X 1/16

.874 [illegible] DIA.

SEC. AA

-HD 7/8 -9 NC3

TAP 9/16 -15 NF3
TRIPLE THREAD
C'T'S'K 110° X 9/16 DIA THIS END
THREADS TO SUIT PART
28F1167

ASSY DASH No	MODEL	NEXT ASSY	REQ
	PBY-5B	28F1171	1
	PBY-5A	28F1171	1
	PBY-5	28F1171	1
	ALL 28'S.	28F1171	1 EA.
	PBY-3 & 4	28F1171	
	PBY-1 & 2	28F1171	1 EA.
	XPBY-1	28F1171	1

REQUIREMENTS PER AIRPLANE

REPLACES 28F1169 OF 11-7-36 — 13 CALC WT

REPLACED BY — ACT. WT

LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010 — SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	1 5/8 X 1 5/8 X 1 1/4	C.M. STEEL BAR	AN-QQ-S-684										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC [illegible]		BOULEY	J. S.	GREEN		L.C.W.	
NAVY 90 [illegible] 0 DS	C	3-7-36	11-13-36	4-3-36		11-7-36	
HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	MAT.	APPROV.	ENG.

NAME BUSHING — THREADED
ARMAMENT — TUNNEL GUN LOCK

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

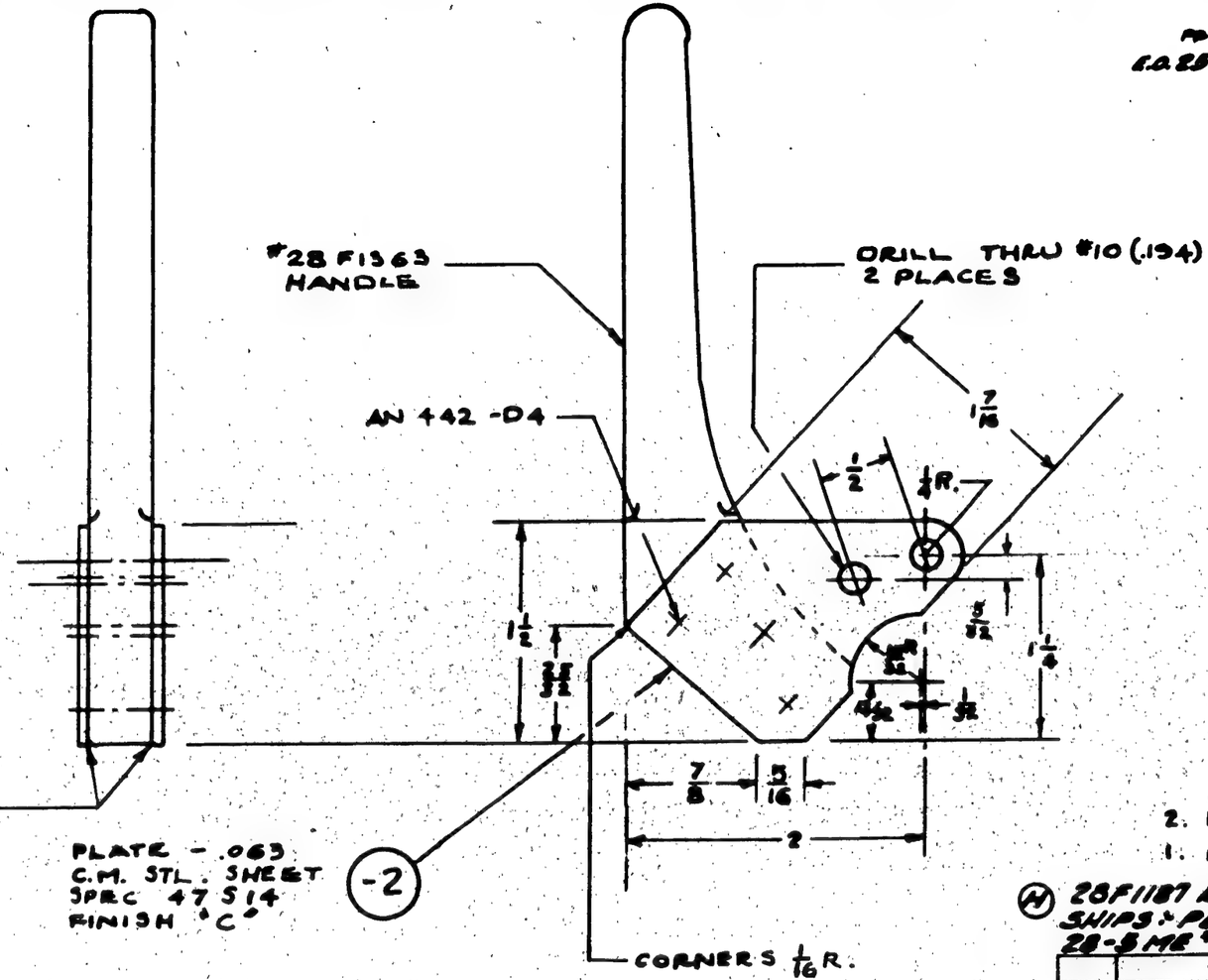
OPP. HAND

DWG. B SIZE — 28F1169

FINISH CODE	
Z	[illegible]
P	[illegible]
GP	[illegible]
C	LACQ. [illegible]

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
F	TRACED UP TO DATE	11-27	R.B.T.
G	ADDED 45° DR R. CUTOUT	2-28-38	[illegible]
N	NOTE ADDED	8-4-42	[illegible]

PRWS 4
C.O. 25440



2. FINISH P-2AKY AFTER RIVETING
1. MIN. EDGE SPACING OF RIVETS 1/4"

(N) 28F1187 REPLACED BY 28F5220 ON THE FOLLOWING SHIPS: PBY-1,2,3,4 SPARES. PBY-5 #135 AND FUTURE. 28-5 ME #67 AND FUTURE.

#1-134

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5	28F1134							
	PBY-4	28F1134							
	PBY-3	28F1134							
	PBY-2	28F1134					28F1363	1	
	PBY-1	28F1134		AN 442-04	4		28F1187-2	2	

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

				BOULEY	Anderson	
NOTED	NONE	NOTED		5-12-36	2-6-37	
SPEC.	HEAT TREAT	FINISH		DRAFT	CHECK	EXAM. ENG.

REPLACES 28F1187 OF 4-29-36
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015
APPROVED J-M-37 DATE
CALC. WT. 19 ACT. WT.
SCALE FULL SIZE
AC
NAVY NOTED
MATERIAL

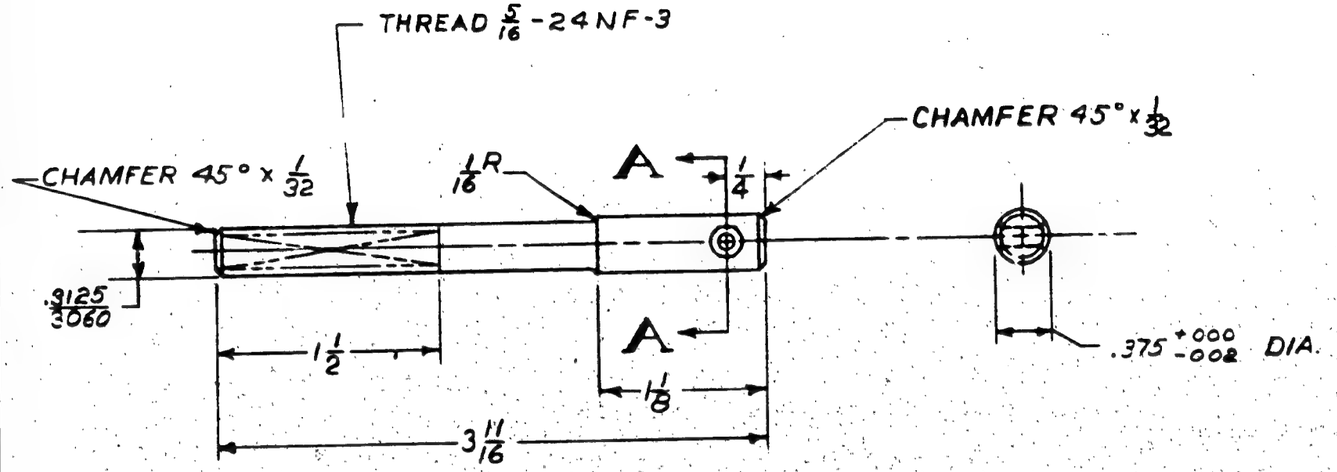
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

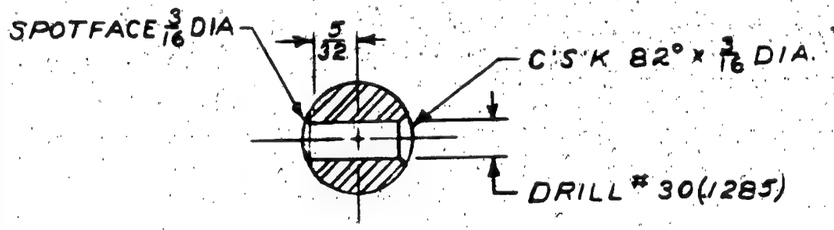
NAME
HANDLE ASSY - ARMAMENT TUNNEL GUN STOWAGE CATCH

OPP. HAND
SIZE B
DWG. 28F1187

LET	ALTERATION	DATE	BY
F	TRACED NO WT. CHG.	10-2-43	GALLAGHER

28F1202





SECTION A-A
SCALE 24" = 1' = 0"

ASSY DASH NO	MODEL	NEXT ASSY.	REQ.
	PBY-5	28F1394	1
	PBY-5A	28F1394	1
	PBY-4	28F1394	
	PBY-3	28F1394	
	PBY-2	28F1394	
	PBY-1	28F1394	
	XPBY-1	28F1394	1

REQUIREMENTS PER AIRPLANE

REPLACES 28F1202 OF 10-28-36 CALC. WT. TOSHA

REPLACED BY ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 & NOTED

SCALE 12" = 1'-0" & NOTED

STAMP PART NUMBER WHERE SHOWN

FINISH CODE	
Z	ANODIC TREATMENT
P	[illegible] PRIMER
[illegible]	[illegible]
C	[illegible] PLATE

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
	3/8 DIA x 3 7/8	C.M.ST'L BAR	AN-QQ-S-684										

AC		WEIR	J.S.				L.C.W.		
90,000 TO NAVY 125,000 #/□"	"C"	5-22-43	11-1336				10-2834		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.		APPROV.		ENG.

NAME SCREW - MARK XV BOMBSIGHT MOUNT BRAKE

OPP. HAND

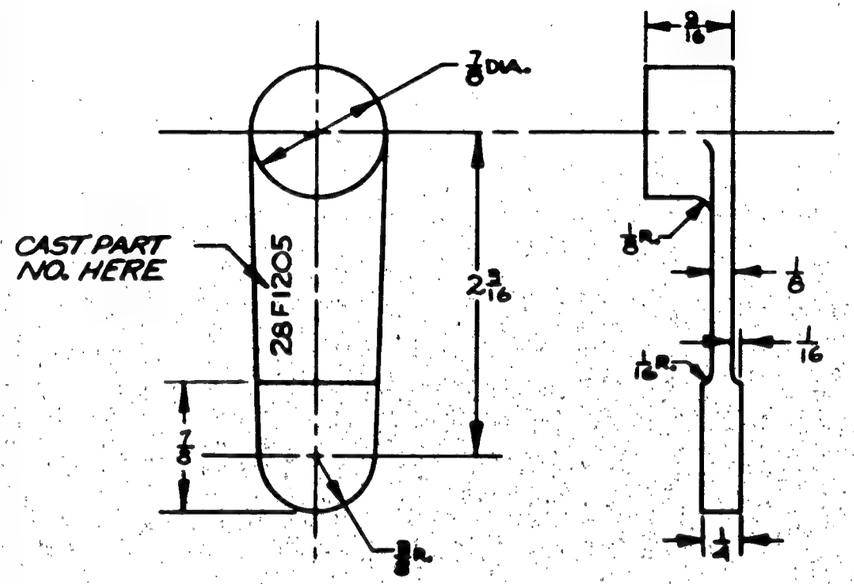
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F1202

R

LET	ALTERATION	DATE	BY
E	TRACED NO WT. CHG.	10-1-43	[illegible]

28F1205



MATERIAL MAY BE:-
1. AL. ALLOY CASTING 195T4, SPEC. AN-QQ-A-390 CL. I, T.S. 29,000 RS.I.; OR
2. AL. ALLOY CASTING 5195T6, SPEC. AN-A5 CL. II, T.S. 32,000 RS.I.

	PBY-5A	28F1391	3
	PBY-5	28F1391	3
	PBY-4	28F1391	
	PBY-3	28F1391	
	PBY-2	28F1391	
	PBY-1	28F1391	3
	XPBY-1	28F1391	3
ASSY. DASH NO.	MODEL	NEXT ASSY.	QUAN.

REQUIREMENTS PER AIRPLANE

REPLACED: 28F1205 OF 10-26-36 — .08 SHA CALC WT.

REPLACED BY — ACT. WT.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ± 1/32 — SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	ROUGH CASTING	NOTED	NOTED										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC NOTED	NONE	WEIR						
NAVY		5-21-36					XCH	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG	

NAME ARM (CAST'G) MARK XV BOMB SIGHT MOUNT

OPP. HAND

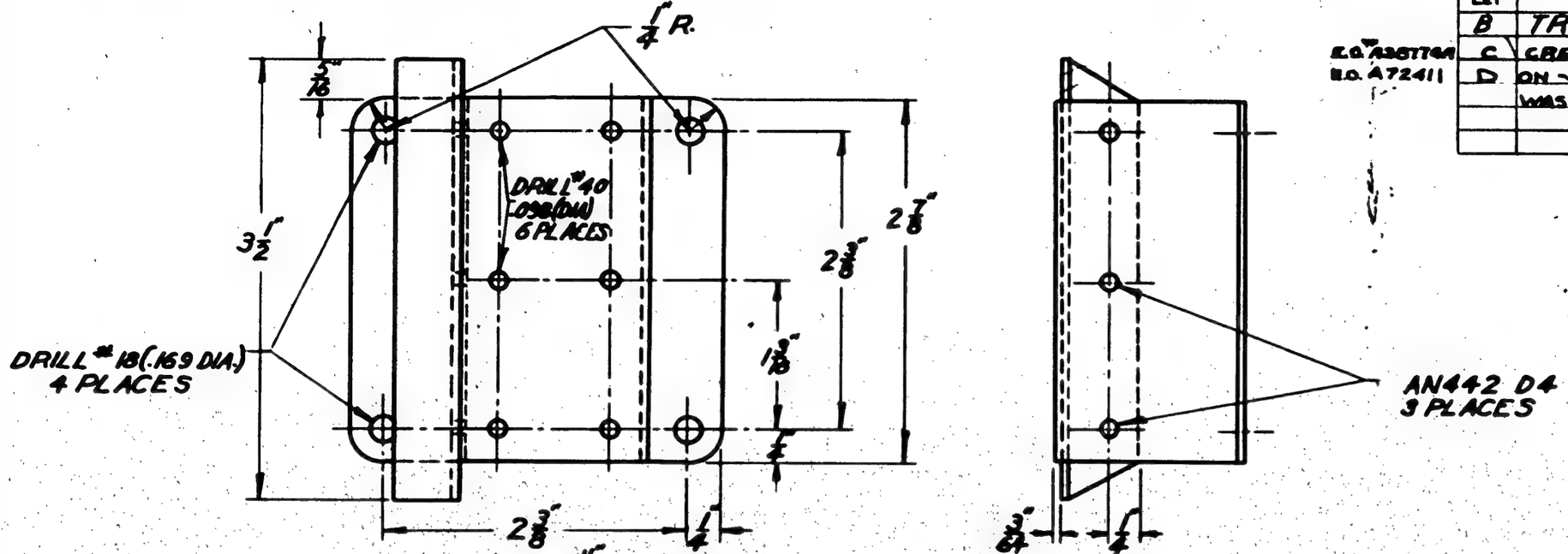
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

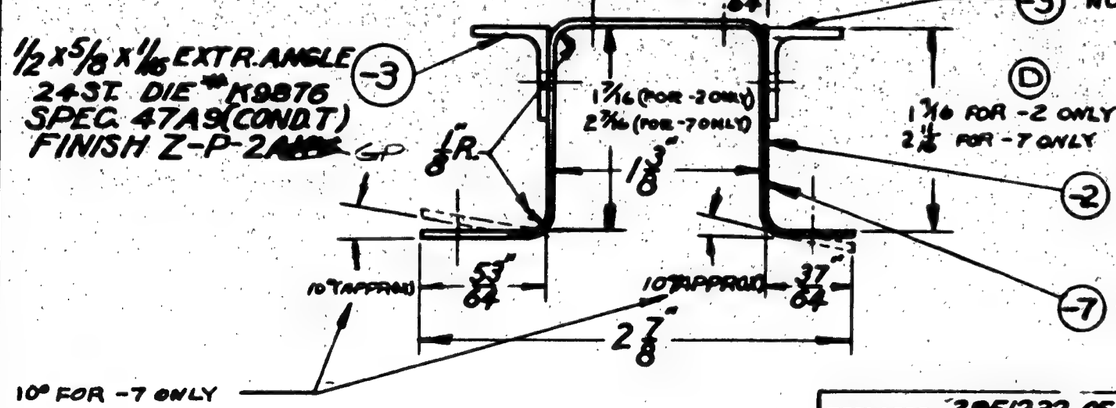
DWG. B SIZE 28F1205

R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED UP TO DATE	2-12-37	BHK
C	CREATED - 4 ASSY. NEG WT. CHG.	8-21-42	[illegible]
D	ON -4 ASSY REVISED -7. 2 7/16 DIM. WAS 1 7/16, 2 11/16 WAS 1 9/16 NEG WT. CHG.	10-13-42	[illegible]

E.O. ADDITION
E.O. A72411





FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIME

C 88970-53 & ON

-4	PBY-5A	28F5102	1						
	PBY-5	28F5102	1						
	PBY-5A	28F5102	1						
	PBY-4	28F1191							
	PBY-3	28F1191	2				28F1232-7		1
	PBY-2	28F1191	2				28F1232-3	1	1
	PBY-1	28F1191	2	AN442-04			28F1232-2	1	
O.M.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH -0	LH -4	PART NO.	LH -0	LH -4

REPLACES 28F1232 OF 2-17-36

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED 2-2-37 DATE

CALC. WT. .10 ACT. WT.

SCALE 12" = 1'-0"

REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.

AC								
NAVY NOTED	NOTED	NOTED	NOTED	Schwed	A. Johnson			
MATERIAL	SPEC.	HEAT TREAT	FINISH	6-19-36	2-12-37	Miller		
				DRAFT	CHECK	EXAM.	ENG.	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

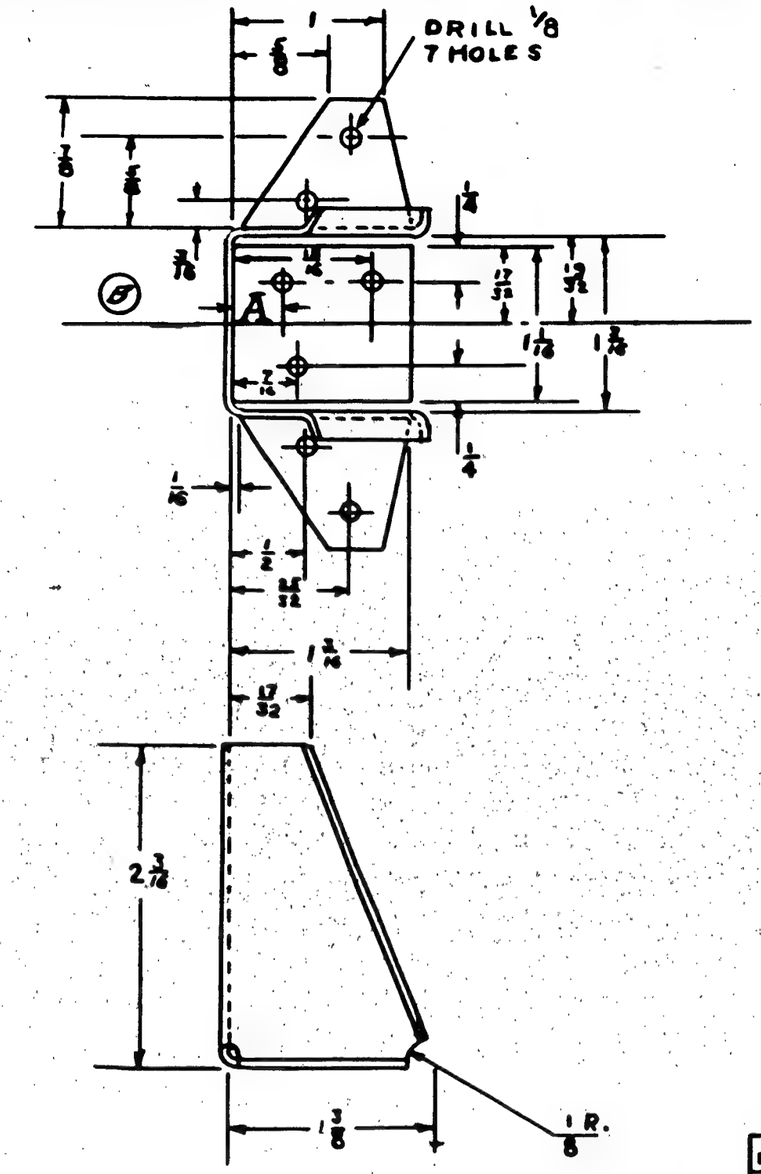
STAMP PT. No. WHERE SHOWN

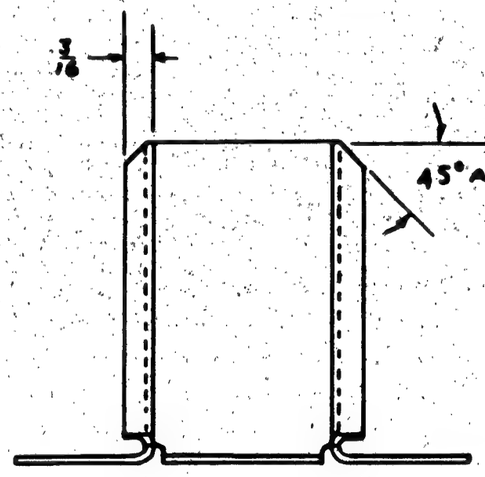
NAME BRACKET-FURN-RECEIVER REMOTE TUNER SUPPORT

OPP. HAND

DWG. B SIZE 28F1232

SULLIVAN-MORGENSEN CO., INC. BUFFALO
SUPERIOR TRACING CLOTH





SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-8-37	FAT
B	1/16 DIM. WAS 11/32. ADDED		
	THICKNESS ALSO -2 & -3	1-12-37	[redacted]

PART NO.	DIM. "E"
28F1236	11/32
28F1236-1	11/32
28F1236-2	7/16
28F1236-3	7/16

G.P.-GREEN PRIME

-3	PBY-5A	28F1238	1										
-2	PBY-5A	28F1238	1										
-3	PBY-4	28F1238-1	1										
-2	PBY-4	28F1238	1										
-3	PBY-3	28F1238-1	1										
-2	PBY-3	28F1238	1										
-1	PBY-2	28F1238-1	1										
	PBY-2	28F1238	1										
-1	PBY-1	28F1238-1	1										
	PBY-1	28F1238	1										

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64 & ½

APPROVED [redacted] DATE 1-12-37

.05 CALC. WT. ACT. WT.

SCALE 12" = 1'-0"

REQUIREMENTS PER AIRPLANE

MAT. PARTS LIST PER ASSY.

AC

NAVY 051 AL. ALLOY 2 S 80 SHEET

MATERIAL

4T A 10 COMP. A | SPEC. | SR-53 | HEAT TREAT | G.P. | Z-P-2 | FINISH

TRACED [redacted] 1-8-37 | DRAFT | CHECK [redacted] 1-18-37 | EXAM. | 2-6-37 ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME SUPPORT-ARMAMENT-BOMB RELEASE PULLEY HOUSING

OPP. HAND 28F1236-1

DWG. B SIZE

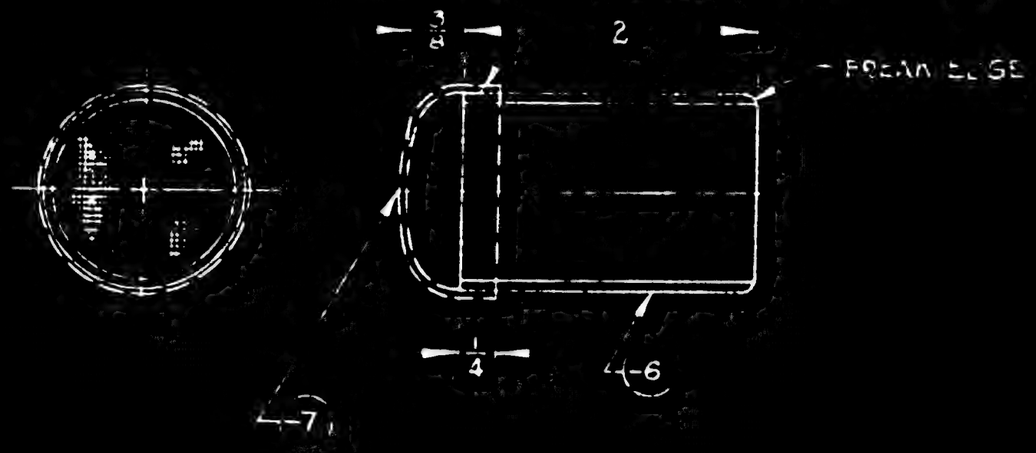
28F1236

2. H.T. AFTER BENDING
1. ALL BEND RADII ARE TO BE 3/32

SULLIVAN-McGREGOR CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

LET	ALTERATION	DATE	BY

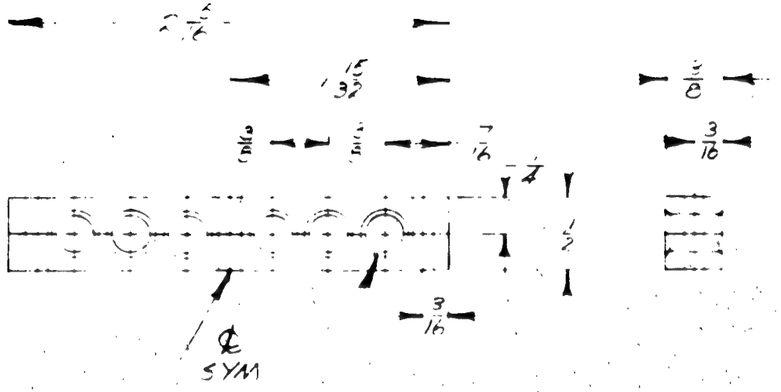
- SOLDER SCREEN TO TUBE



	PHY-5	28F1405	1
	PHY-5	28F1425	1
	PHY-5B	28F1445	1
	PHY-5	28F1465	1
	PHY-5	28F1485	1
	PHY-5	28F1505	1
	PBY-5A	28F1525	1
	PBY-5A	28F1545	1
	PBY-5A	28F1565	1
	PBY-5A	28F1585	1
	PBY-5A

LET	ALTERATION	DATE	BY
C	TRACED NO WT CHG	10-4-43	BOEHM

28F1262



#12 SEE DRILL SIZES

DRILL #40 THRU 45° C'SINK BOTH SIDES

NOTE
FIRT MAY BE MADE FROM 2 PIECES OF 4 [illegible]
A. A. 245T 4 HAS BOND T
BAR STOCK CLAMPED TO GETHER & DRILLED AS SHOWN
SHEET STOCK MAY BE USED IF BAR STOCK NOT AVAILABLE

C SEAT RAIL	PBY-5B	28F5513	3
C SEAT RAIL	PBY-5A	28F5513	1
DRIFT	PBY-5	28F5513	4
[illegible]	PBY-5	28F5513	2

	ALL PBY-5B	28F5513	1 EA
	ALL PBY-5	28F5513	3 EA
	U.S.G.	28F5513	1
	USCG	28F5513	3
	NEXT	28F1619	

ASSY DASH NO	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

REPLACES 28F1252 10-31-36 CALC WT 04

REPLACED BY: ACT WT

LIMIT DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.
	NOTED	NOTED	NOTED

PARTS LIST PER ASSY.

LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-0		-2		-3		-4		-5	
						LCW		R	

AC		MOVER	S	MILLER		LCW
NAVY NONE	2 P-2 GP	4-17-36	[illegible]			10-3-36
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG.

NAME CLIP - FURN GYRO PILOT & TUBES

OPP. HAND

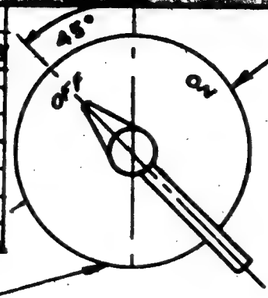
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F1262

Z	ANODIC TREATMENT
P	P-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

LET	ALTERATION	DATE	BY
K	CREATED -6 ASS'Y. ADDED -10 & 12 5/16 DIM. NEG. WT. CHG.	3-18-42	
L	DIM 1/4 WAS 5/16. NO WT. CHG.	7-1-42	
M	ON FACE OF DWG. CHG. NOTE "AC 270-BB-UNIVERSAL MAT. ----- FINISH-C" WAS "AC270-BBC UNIVERSAL MATERIAL CORROSION RESISTANT STEEL FINISH C.O. IN M/M CHG. "AC270-BB." WAS "AC270-BBC." (WT. CHG. NEG.)	9-22-42	

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
E	TRACED UP TO DATE	1-18-37	
F	ADDED -0 & -5 SUB-ASS'YS. -4 TUBE REPLACES -2 TUBE ON -5 SUB-ASS'Y	4-25-40	
G	1P076 HANDLE REPLACED BY Q-2603-2 HANDLE	4-25-40	
H	ADDED 17 13/16 & 16 1/4 DIM. ON -5	11-5-40	
J	CHG. AC270-BB (REPLACES BBC) ON FACE OF DWG.	8-12-41	



28F1267 (REF)

E.O.# 17157B

E.O. 26815
C'SINK & PEEN BOTH ENDS

DRIVER TO BE SET AT PROPER ANGLE WITH YOKE ON VALVE # 28F1208

(F) 28F1271-0 = 18 3/8
28F1271-5 = 17 13/16
(M)

-0 - 17 1/16 (REF)
(H) -5 - 16 1/4 (REF)
-6 - 12 9/16 (REF)
(K)

7/32 9/32

28B1064-2

AN 442-B4

(-2) (F) (-4) (K) (-10) 3/8 O.D. x .035 AL. ALLOY TUBE SPEC. 44T21 COND. T FINISH Z-P

(-3) 3/8 O.D. x .035 AL. ALLOY TUBE SPEC. 44T21 COND. T FINISH Z-P

1 1/8 (REF) 1 5/16 (REF) 1/2 (REF) 1/4 1/4

(L)

(G) Q2603-2
AN 442-D4

Q506A-2-2

(J) AC 270-BB UNIVERSAL MATERIAL - S.A.E. 1020-1025 STEEL SPEC. AN-QQ-S-648 FINISH C.

DRILL # 12 (.189)
AN 3-07
AN 310-03
AN 380-2-2

(J)

								-10	28G10642
-6	2B-SAMN	28F5513	1					-3	Q2603-2
-6	PBY-5B	28F5513	1					-2	Q506A-2-2
-6	PBY-5A	28F5513	1	AC270-BB	1			-4	
-6	PBY-5	28F5513	1	AN3-D7	2			-3	
-5	2B-SAMC	28F5513		AN310-D3	2			-2	
-5	U.S.C.G	28F5513		AN380-2-2	2				
-5	2B-5-ME	28F5513		AN442-04	4				
-0	PBY-1	28F1013				LH	RH	PART NO.	LH LH LH
Q.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS		REQ.			-10 -5 -6

(J) 2 PBY-5 SERIAL 2290

Cont. 28076
A-90 Cont. 31076

REPLACES							
REPLACED BY							
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±							
APPROVED		DATE					
.21 CALC. WT.	ACT. WT.	SCALE 12" = 1'-0"	REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.	
AC							
NAVY NOTED		NOTED	NONE		2 GP	4-28-36	
MATERIAL		SPEC.	HEAT TREAT		FINISH	DRAFT	CHECK EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME SHAFT ASSY. FURNS. GYROPILOT OIL VALVE

OPP. HAND

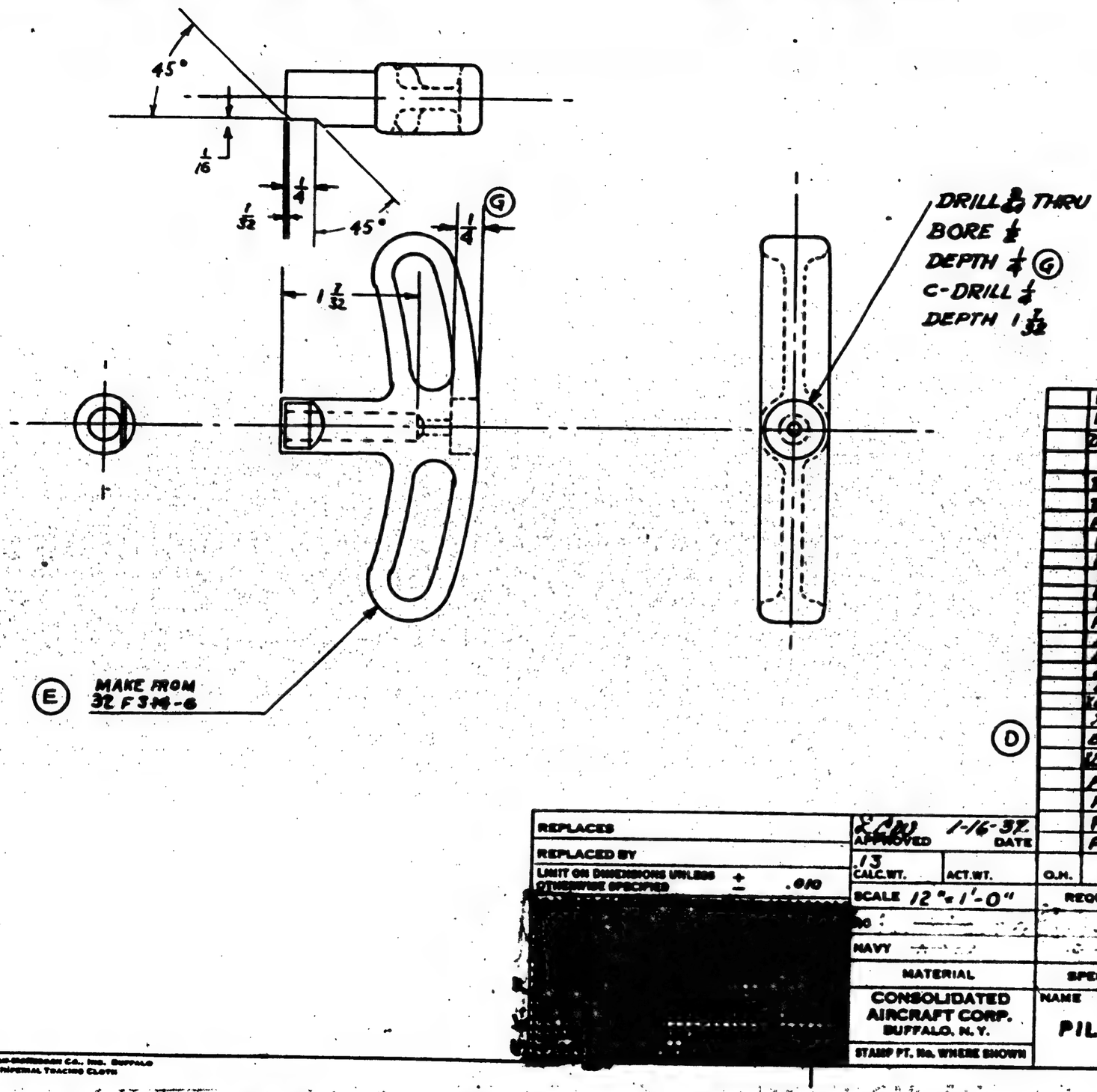
SIZE B 28F1271

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-SEE FINISH

SULLIVAN-MORGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED UP TO DATE	1-16-37	[illegible]
C	ADDED PBY-4 REQMTS	8-1-38	[illegible]
D	ADDED XB-24, B-24, & B24A REQUIREMENTS	9-25-39	ROYCE
E	WAS MADE FROM 01-F346	9-25-39	ROYCE
F	ADDED PBY-2 REQMTS	2-6-40	J. MAHER
G	1/4 BORE DEPTH WAS 3/16 NEW W.T. CHG	3-13-42	HUNT



	PBY-5A	28A2008	1	C.70496 & C.77713
	PBY-5A	28A1015	2	
	28-5MC,MK	28F6130	1 RA	
	B-24E	32F3535	1	
	28-5AMJ	28A6150	R	
	28-5AMC	28A6130	R	
	PBY-5A	28F6130	2	C.88476
	PBY-5	28F6130	2	
	[illegible]	[illegible]	1	
	LB-30	32F3535	1	
	[illegible]	[illegible]	1	
	[illegible]	[illegible]	1	
	PBY-2	28F6081	1	
	B-24A	32F6078	1	
	B-24A	32F6076	1	
	B-24	32F6078	1	
	B-24	32F6076	1	
	XB-24	32F6078	1	
	XB-24	32F6076	1	
	B-24A	32F[illegible]	1A	
	B-24	32F[illegible]	1	
	PBY-4	28A1015		
	PBY-3	28A1015		
	PBY-2	28A1015		
	PBY-1	28A1015		
				32-F-346 1

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

FINISH:
ANODIZE, P27 PRIMER,
2 DULL BLACK ENAMEL

REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.			
		CAC. 2F-32-001	Sommer/Anderson			
		Z-P-2DBE	6-1-36	1-6-38		
SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

E.R.H. APPROVED 1-16-37 DATE

.13 CALC.WT. ACT.WT.

SCALE 12" = 1'-0"

NO :

NAVY

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME HANDLE-ARMAMENT PILOT'S EMERGENCY BOMB RELEASE

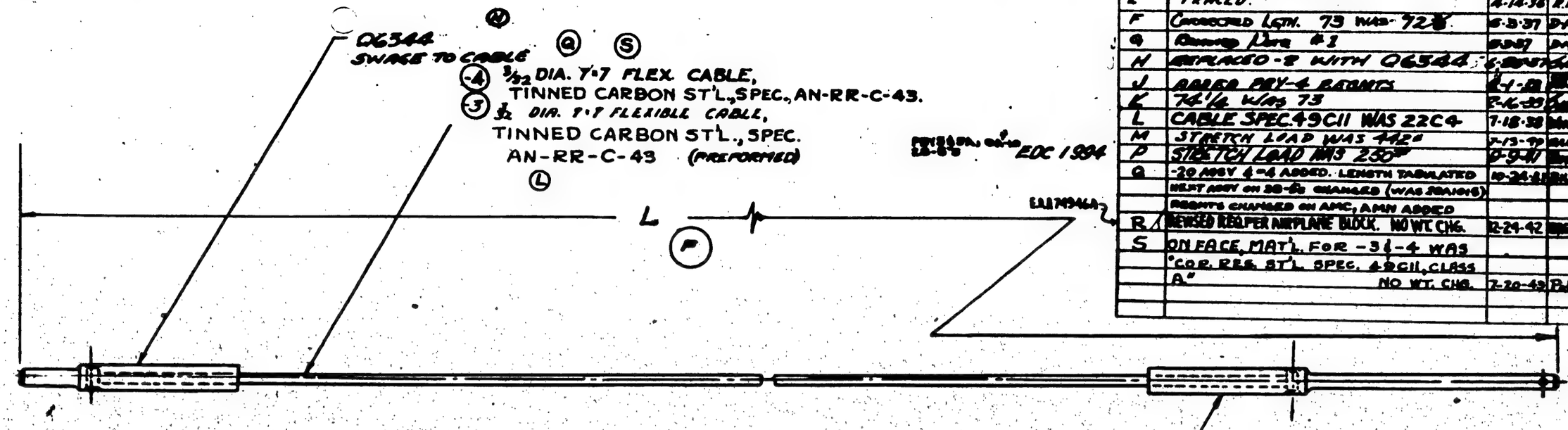
OPP. HAND None

SIZE B

28F1272

C.A.C. - GOODYEAR

SULLIVAN-DONOHUE CO., INC. BUFFALO
IMPERIAL TRACING CLOTH



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
L	TRACED.	4-14-36	R.M.
F	CORRECTED LGTH. 73 WAS 72⅝	5-3-37	D.H.W.
Q	REVISED PART #1	5-3-37	D.H.W.
H	REPLACED -8 WITH Q6544	6-[illegible]-37	[illegible]
J	ADDED PBY-4 REQMTS	8-4-38	[illegible]
K	74 1/4 WAS 73	2-16-39	[illegible]
L	CABLE SPEC. 49C11 WAS 22C4	7-18-38	[illegible]
M	STRETCH LOAD WAS 442#	2-13-39	[illegible]
P	STRETCH LOAD WAS 230#	10-9-41	[illegible]
Q	-20 ASSY 4-4 ADDED. LENGTH TABULATED	10-24-41	[illegible]
	NEXT ASSY ON 28-5 CHANGED (WAS 28A1015)		
	REQMTS CHANGED ON AMC, AMN ADDED		
R	REVISED REAPER AIRPLANE BLOCK. NO WT. CHG.	12-24-42	[illegible]
S	ON FACE, MAT'L. FOR -3 & -4 WAS "COR. RES. ST'L. SPEC. 49C11, CLASS A" NO WT. CHG.	7-20-43	[illegible]

28F1285 CABLE END SWAGE TO CABLE.

CONTRACT 31876 #1-90
CONTRACT 88476 ONLY

-0	PBY-5	28F6130	2												
-0	PBY-5A	28F6130	1												
-20	PBY-5A	28F6130	1												
-20	28-5AMC	28F6130	1												
-20	28-5AMN	28F6130	1												
-0	28-5AMN	28F6130	1												
-0	28-5 MN	28F6130	2												
-0	28-5 MC	28F6130	2												
-0	28-5AMC	28F6130	1												
-C			2												
-0	PBY-5A	28A1015	2												
-0	PBY-5	28AN15	2												
	PBY-4	28AN015	2												
	PBY-3	28AN15	2												
	PBY-2	28A1015	2												
	PBY-1	28A1015	2												

C70496 & C77713
C70486

													28F1283	1	1
													-4		1
													Q6544	1	1
													-3	1	-
													SUB ASSY	-0	-20
														REQ.	REQ.

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.								
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.										
NOTED		NONE		NOTED											
SPEC.		HEAT TREAT		FINISH											

NOTE

SEE DRWG Q6342 FOR SWAGING OPERATIONS ON TERMINALS N. SPEC T46

ASSY.	DIM L
-0	74⅛
-20	71 1/4

3 CABLE SHALL BE BOILED IN LINSEED OIL THEN COATED WITH A MIXTURE OF 30% WHITE LEAD AND TALLOW

2. PRESTRETCH CABLE ASSY TO 288#

3. SWAGE AS PER SPECIFIC. AS APPLICABLE.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED 4-14-36 DATE

.13 CALC. WT. ACT. WT.

SCALE 12"·10"

MAC

NAVY NOTED

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

DRAFT	CHECK	EXAM.	ENG.
5-15-36	5-3-37		

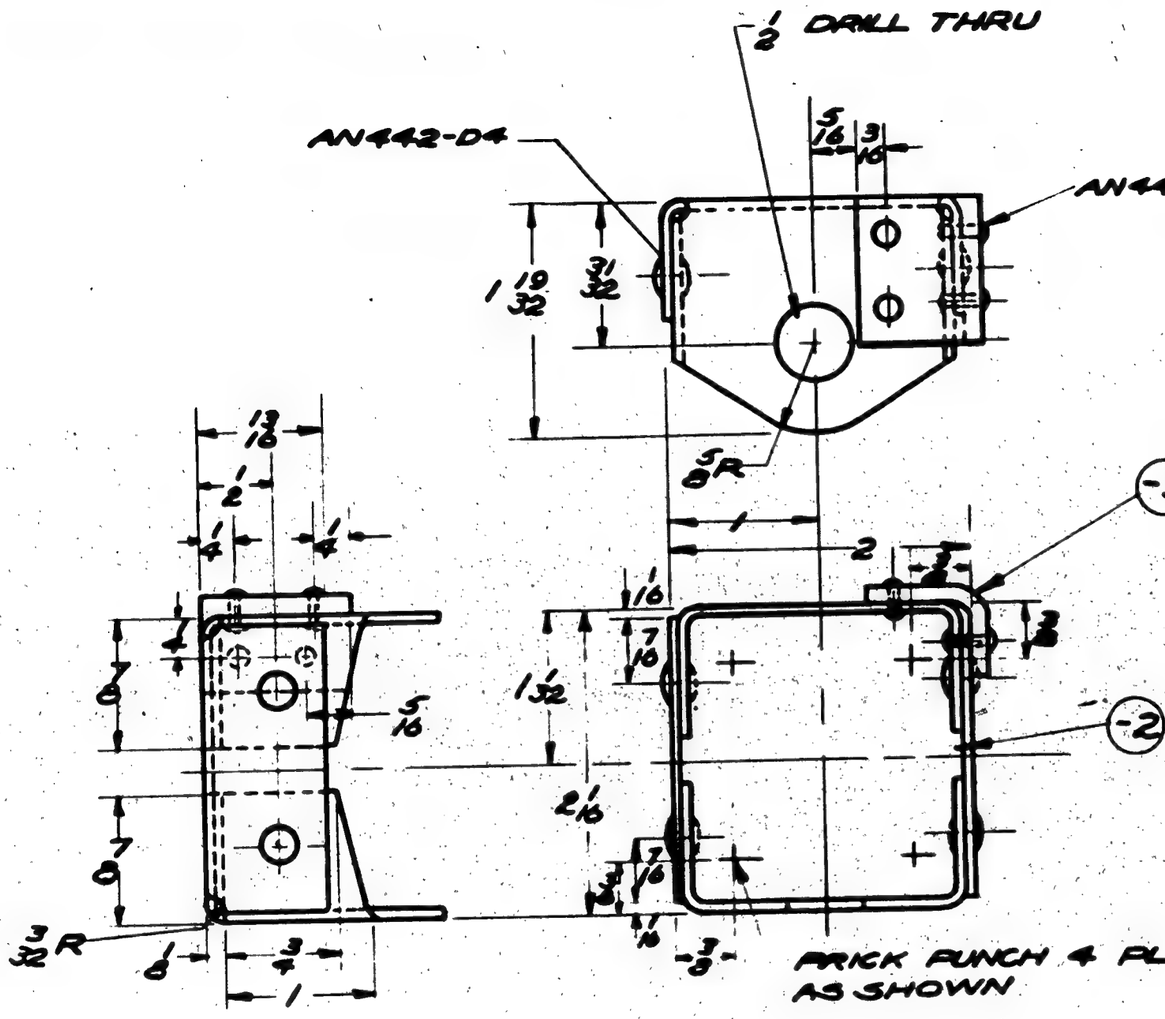
NAME CABLE ASSY-ARMAMENT-PILOT'S EMER. BOMB RELEASE

OPP. HAND

SIZE B

28F1286

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	29-37	Bush



-3 6 COTTON WEBBING - WATER - PROOF (1 COAT CLEAR BAKELITE VARNISH) SPEC. 27 W6 TYPE A.

-2 .064 AL. ALLOY SHEET 2450 - SPEC. 47A10 COND. A H.T. AERO SR 53

G.P.-GREEN PRIME

FINISH -2 2 - P - 2 [redacted] G.P.

PRICK PUNCH 4 PLACES AS SHOWN

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28F3176	1						
	PBY-5A	28F3176	1						
	PBY-4	28F3176							
	PBY-3	28F3176	1						
	PBY-2	28F1109	1						
	PBY-1	28F1109	1	AN442-02	4		-3	1	
	XPBY-1	28F1109	1	AN442-04	4		28F1316-2	1	

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

NAVY	SPEC.	HEAT TREAT	FINISH
NOTED	NOTED	NOTED	NOTED

MATERIAL

STUTZ	Green
3-5-36	2-10-37
DRAFT	CHECK

5-8-36	
EXAM.	ENG.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

CALC. WT. [redacted] ACT. WT.

SCALE

APPROVED 2-3-37 DATE

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME BRACKET-ARM'NT STOWAGE LATCH

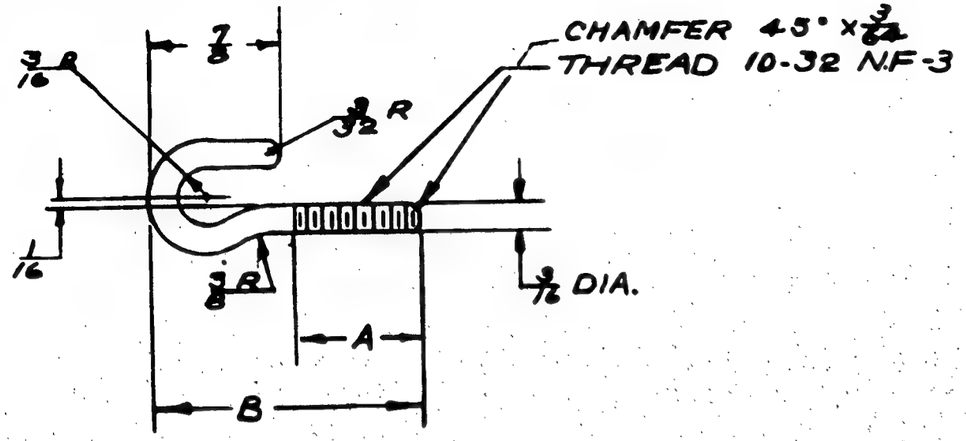
OPP. HAND

SIZE B

28F1316

SULLIVAN-GRIFFITH CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

LET	ALTERATION	DATE	BY
G	TRACED NO WT. CHG.	7/6/36	Taylor Wright
H	IN B/M, FOR -15 "C.M.ST'L., AN-QQ-S-604" WAS "STN. ST'L., AN-QQ-S-770-A" FOR -0 & -7, REMOVED "EG" FROM SPEC. ON FACE, IN H.T. BL'K, "T.S. 90,000 TO 125,000 P.S.I." WAS "NORMALIZE" FOR -6 & -7 "SPEC. PN-E-28 CL. 1, (175,000)" FOR -6. FINISH "C-P-26P" FOR -6, WAS "POLISH." NO WT. CHG.	8-28-36	R.H.S.



DASH NO.	DIMS. A	DIMS. B	WT.	HEAT TREAT	FINISH
-0	13/16	1 3/4	.02 1	T.S. 90,000 TO 125,000 P.S.I.	C-P-2GP
-6	15/16	1 3/4	.02 1	T.S. 90,000 TO 125,000 P.S.I.	C-P-2GP
-7	1 1/16	2	.02 3	T.S. 90,000 TO 125,000 P.S.I.	C-P-2GP

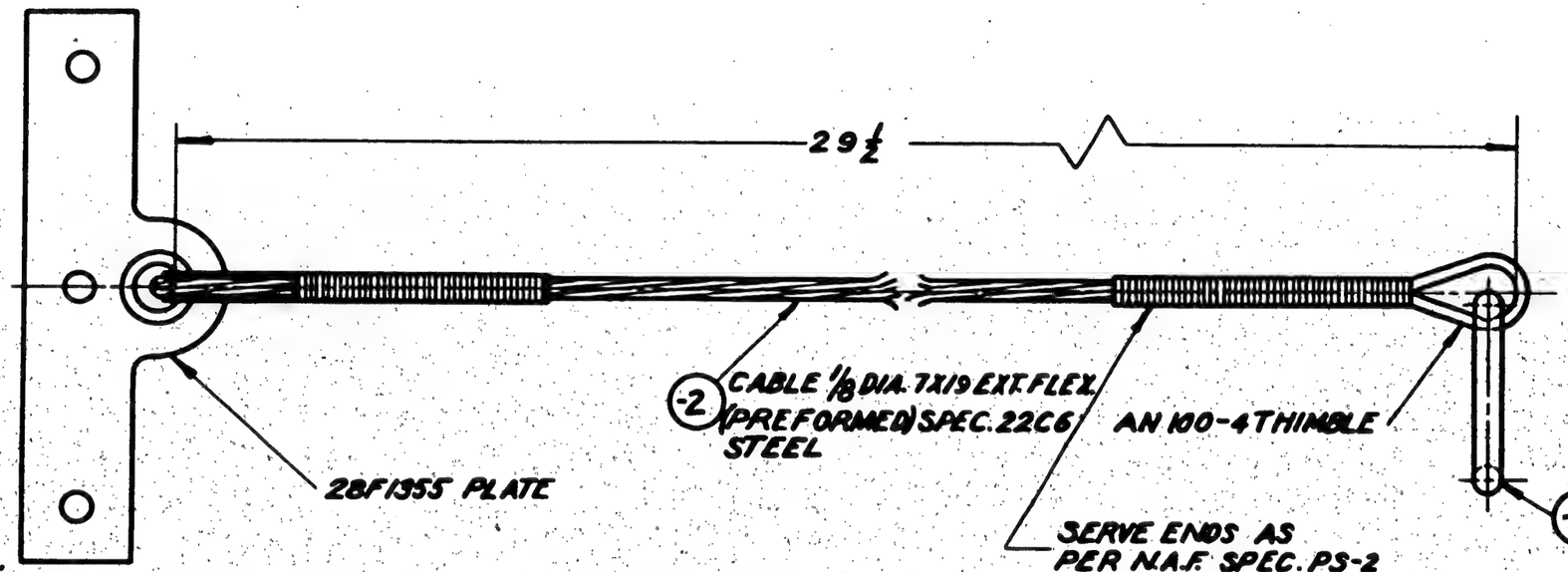
NOTE:
1. FOR REQUIREMENTS FOR MODELS PBY-1, -2, -3, -4 & -5B, 28-5AMN, XB-32, PB2Y-2 & B24 A,C SEE OBSOLETE TRACING.

	MCR #239 A	-7	PBY-5A	28F6729	2
	MCR #239 A	-7	PBY-5	28F6729	2
1	CAR 876 (38 ONLY)		PBY-5A	28T5002	2
	C.01876 (91-385)		PBY-5	28T5002	1
	C.7196 C.7713 C.8847 (1-52)		PBY-5A	28T5002	1
	C.10496 & C.01876 (1-89)		PBY-5	28T5002	1
	ALL		PBY-5A	28U5004	2
	ALL		PBY-5	28U5004	2
		DASH NO.	MODEL	NEXT ASS'Y.	NO'D
		REQUIREMENTS PER PLANE			

#1-26 ALL
#84-167

	SEE NOTE #1		
	PB2Y-3	28F6528	1
-6	PB2Y-3	28T1003	2
-6	B24 Dis.	3T003	2
	B24D	32F4298	2
ASSY. DASH NO.	MODEL	NEXT ASSY.	NO'D
REQUIREMENTS PER AIRPLANE			

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-15-37	BHK



G.P.-GREEN PRIME

FINISH CODE:

Z	[redacted]
P	
M	
C	

NOTE:

-3 IS 1 1/2 I.D. #36 GAUGE WROUGHT STEEL RING (COMM. SPEC.) MAY BE PURCHASED FROM WESTERN METAL SUPPLY CO. SAN DIEGO, CALIF.
REMOVE COMM. FINISH & REFINISH C-P-2[redacted] GP

NOTE.

PROOF TEST ASSEM. TO 400 LBS.

	PBY-5B	28F1126	1				28F1355	1	
	PBY-5A	28F1126	1						
	PBY-4	28F1126							
	PBY-3	28F1126							
	PBY-2	28F1126					-3	1	
	PBY-1	28F1126		AN100-4	2		28F1357-2	1	
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/8

[redacted]

APPROVED 2-15-37 DATE

CALC. WT. 132 ACT. WT.

SCALE FULL SIZE

REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.			
AC				5-6-36			
NAVY NOTED	NOTED	NONE	NOTED	Livers	2-15-37	Miller	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME CABLE ASSEM.- FIXED EQUIP. -TUN. GUN SAFETY BELT

OPP. HAND

SIZE B

28F1357

SULLIVAN-SHERIDAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

AN23-20 BOLT
AN960-10 WASHER
AN380-2-2 COTTER
AN320-3 NUT

(D)

(-3) SPRING STEEL .049 X 3/16 X 3 1/16 SPEC. 47816

AN435-3 DRILL #41 HOLE - 2 PLACES

28F1376

11/16

FURNACE COPPER BRAZE

28F1375

E.O.32134

28F4049 LATCH
28F4050 SPRING
-4-8 ASSEM. ONLY

(D)

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED UP TO DATE	8-12-41	R.A.
D	ADDED LATCH ASSEMBLY	7-15-38	H.R.L.
E	ADDED -4 ASSEM FOR PBY-4	7-15-42	[illegible]
F	ADDED -5 ASSY FOR PBY5 [illegible]		
G	ADDED NOTE "ALTERNATE -- COND N." WT. CHG. NEG.	10-12-42	JUSTICE
H	REVISED REQ. PER AIRPLANE BLOCK. NO. WT. CHG.	12-29-42	BARCLAY
J	DIM. 7/8 WAS 3/32. WT. CHG. NEG.	2-9-43	[illegible]

DRILL #10 (.193) THRU -5

3 3/32

A

(K)

1/2 R. 3/16

A

1/2

(J)

1/16

(L)

(L)

(6)

3 19/32

*

(K)

.509 ± .005

SECTION A-A

K	ADDED SECTION A-A & DIM. .509 ± .005 NO WT. CHG.	8-9-43	[illegible]
L	-6 (TAIL ASSY'S) STEEL TUBE 7/8 OD X .058, SPEC 44T18 WAS -8(U) STEEL TUBE 7/8 OD X .058, SPEC 44T18, DIM 3 19/32 WAS 3 5/32, REMOVED 1/8 DIM & WELD SYMBOLS, ADDED NOTE "FURNACE COPPER BRAZE" WT CHG NEG	8-9-43	[illegible]

FINISH:-
-6 & 28F1376 C - PRINCE OUTSIDE
-3 C & BAKE

15/16

2/16

FORM -3 AS SHOWN
TEMPER

ALL BUT S.O. 946-10

* NOTE: USE -4 ASSEM. FOR FUTURE SHIPS AND SPARES.

S.O. 946-10

-5	PB2Y-3	28H3502	4	
-4	PB4Y-1, PBN	28F1370	2 EA	
-4	PB2Y-3, PBC	28F1370	2 EA	
-4	PB2Y-3, PBM	28F1370	2 EA	
-4	PBY-5B	28F1370	2	
-4	PBY-5	28F1370	2	
-5	XPB2Y-4	28H4013	4	
-4	[illegible]	[illegible]	[illegible]	
-5	[illegible]	[illegible]	[illegible]	
-6	PB2Y-2	28F1376	1	
-4	[illegible]	28F1370		AN960-10
	PBN-1	28F1370		AN380-2-2
	PBY-3	28F1370		AN320-3
	PBY-2	28F1370		AN23-20
	PBY-1	28F1370		AN435-3
	XPBY-1	28F1370		

O.K.	MODEL	NEXT ASSY.	REQ.	STD PARTS	REQ.	PART NO.
						* -6

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASS'.

NAVY	NOTED	NOTED	NOTED
MATERIAL	SPEC.	HEAT TREAT	FINISH

DRAFT	CHECK	EXAM.	ENG.
8-17-36	2-15-37		

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS ± .015
APPROVED. DATE 2-12-37
CALC. WT. .33 ACT. WT.
SCALE 1 1/2" = 1'-0"

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

NAME LINK-TURNS.
WORK PLATFORM-LOCK

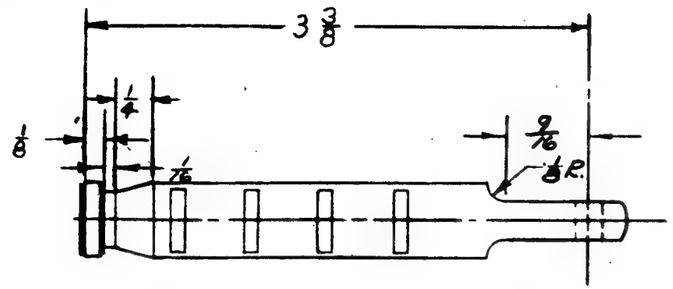
SIZE B
28F1374

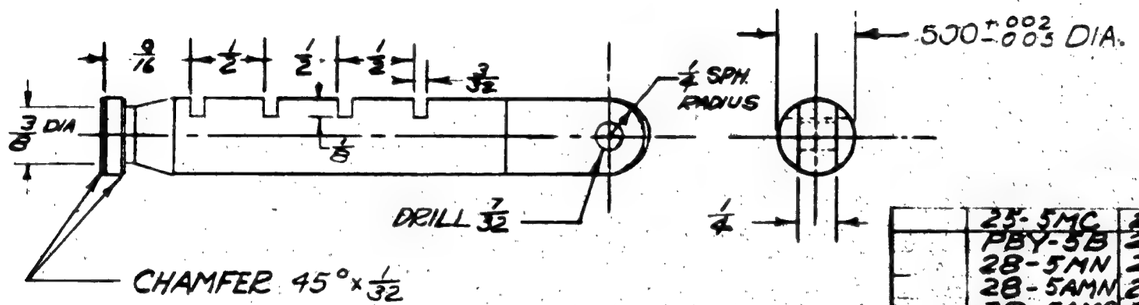
*NOTE:
ALTERNATE MATERIALS FOR -6
CHROME-MOLY WELDED TUBING
(6) AN-T-3, TYPE I, COND. N.
CHROME-MOLY SEAMLESS TUBING
AN-WW-T-850, COND N.

SULLIVAN-GRIFFITHS CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

LET	ALTERATION	DATE	BY
L	TRACED. NO WT CHG.	10-2-43	

28F1375





MAT'L NOTE:
(1) S.A.E. x 4130 SPEC AN-QQ-S-684 NCR 142(21)-1
OR (2) NE8735 SPEC. AN-S-15 ALL EXCEPT NCR 142(21)-1

FINISH CODE	
Z	ANODIC TREATMENT
P	PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

	ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ'D.
	25-5MC	28F1374		2
	PBY-5B	28F1374		2
	28-5MN	28F1374		2
	28-5AMN	28F1374		2
	28-5AMC	28F1374		2
	28-5MA	28F1374		2
	28-5ME	28F1374		2
	28-5MC	28F1374		2
	PBY-5	28F1374		2
	PBY-5A	28F1374		2
	PB2Y-3	28F1374		4
	PB2Y-3	28F1374		8
	PB2Y-2	28F1374		8
	PBY-4	28F1374		
	PBY-3	28F1374		
	PBY-2	28F1374		2
	PBY-1	28F1374		2
	XPBY-1	28F1374		

REQUIREMENTS PER AIRPLANE

REPLACES 28F1375 OF 11-3-36 — CALC. WT. 18

REPLACED BY — ACT. WT.

UNLESS OTHERWISE SPECIFIED ± .010 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	9/16 DIA. x 3 7/8	STEEL ROD	NOTED										

PARTS LIST PER ASSY. — -0 | -2 | -3 | -4 | -5

AC		DRAWN - RIGHT	J.S.	MILLER		LCW
NAVY 30,000 TO 125,000 PSI	C	5-12-36	11-13-36	11-3-36		1
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME ROD-FURNS-WORK PLATFORM, LOCK LINK

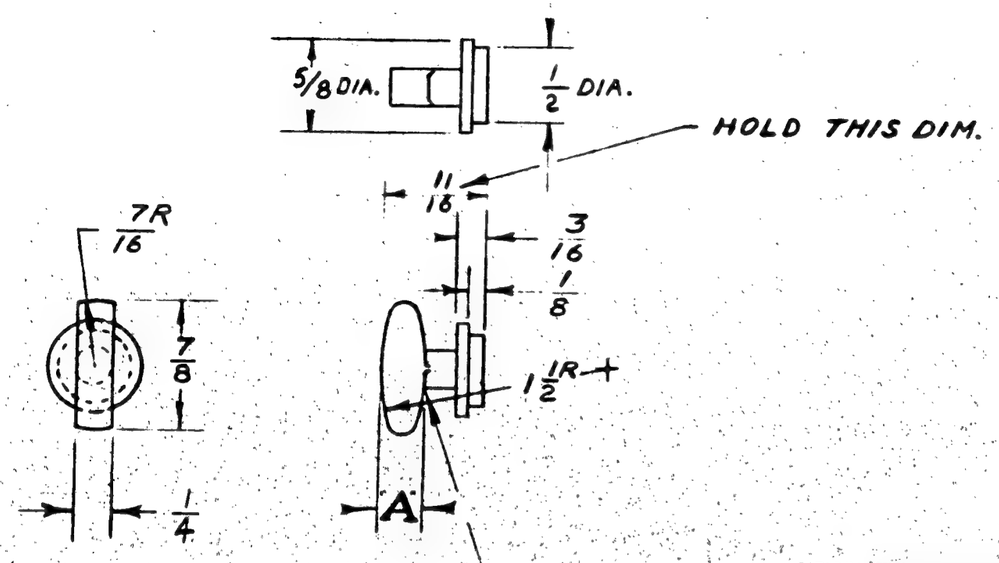
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F1375

LET	ALTERATION	DATE	BY
G	TRACED. NO WT. CHG.	10-3-43	WOLFE
H	-2 PART WAS -2 ASSY NO WT. CHG.	10-13-43	WOLFE-CARLSON

28F1376



PART NO.	DIM-A
-0	9/32
-2	7/32

-0	PBY-5B	28F1374	2
-0	PBY-5A	28F1374	2
-0	PBY-5	28F1374	2
-0	ALL 28'S	28F1374	2 EA.
-2	PB2Y-3	28F1374	4
-2	PB2Y-3	28F1374-5	8
-2	PB2Y-2	28F1374	8
-0	PB2Y-2	28F1374	2
-0	PBY-1,3,4	28F1374	

S.C. 946-110 ALL EXCEPT S.C. 946-110

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES 28F1376 OF 11-4-36 .02 CALC. WT.

REPLACED BY ACT. WT.

UNLESS OTHERWISE SPECIFIED .XXX ± .010 SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
-2	7/8 DIA X 7/8	STEEL ROD	AN-QQ-S-684										
-0	7/8 DIA. X 7/8	STEEL ROD	AN-QQ-S-684										

PARTS LIST PER ASSY.

AC		WAIN-RIGHT	J.S.			L.C.W.	
90,000 TO NAVY 125,000 #/□"	NONE	5-13-36	11-13-36			11-4-36	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME KEY-FURNS.—
WORK PLATFORM LOCK LINK.

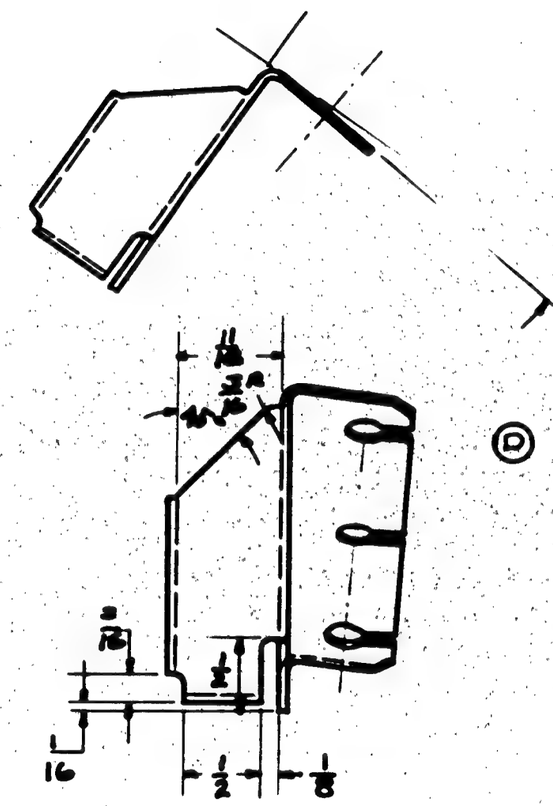
OPP. HAND

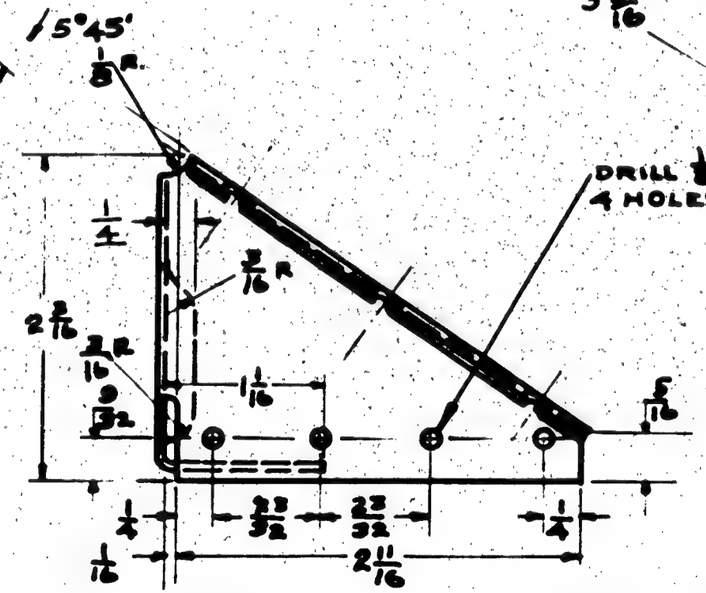
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

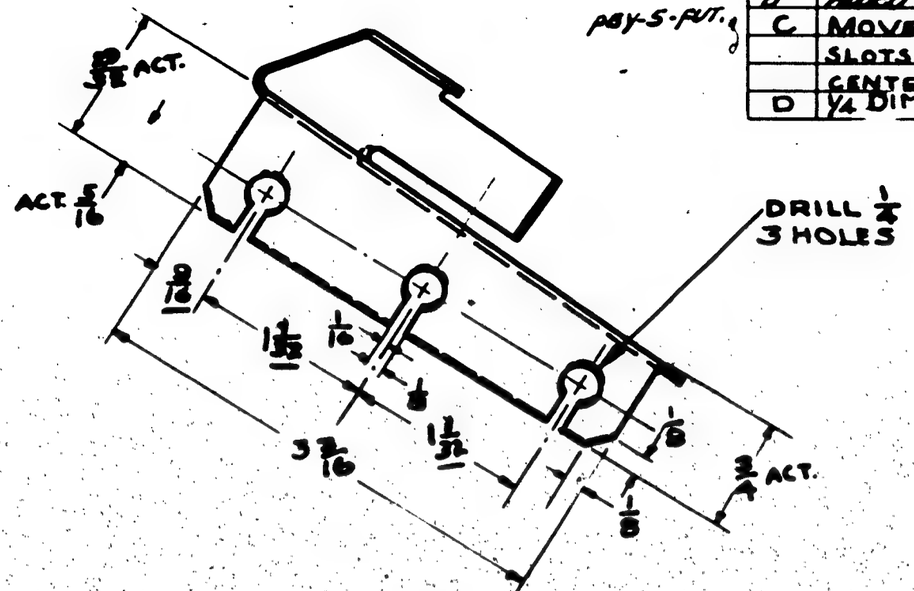
DWG. B SIZE 28F1376

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-8-37	R.A.
B	ADDED ADD-4 PARTS	7-1-39	
C	MOVED THE TWO OUTBOARD SLOTS 3/16" EACH CLOSER TO THE CENTER SLOT	10-21-40	SINGER
D	1/4 DIM. FLANGE WAS 3/16 W.O. REQ.	7-9-43	DADTHER

PBY-5-PUT. 9







G.P.-GREEN PRIME

-L	PBY-5&5A	28A1015-1	1 EA.										
-R	PBY-5&5A	28A1015	1 EA.										
-1	PBY-4	28A1015-1											
	PBY-4	28A1015											
-1	PBY-3	28A1015-1											
	PBY-3	28A1015											
-1	PBY-2	28A1015-1											
	PBY-2	28A1015											
-1	PBY-1	28A1015-1											
	PBY-1	28A1015											

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.				

2. H.T. AFTER BENDING ALRO SR-53 COND T
1. ALL BEND RADII ARE TO BE 3/32

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	±.015 & ½°

LCW APPROVED 2-12-37 DATE

.07 CALC.WT. ACT.WT. -

SCALE 12" = 1'-0"

AS NAVY. OSIAL. ALLOY STL 47A10 Cond A NOTED 2-P-2 G.P.

MATERIAL SPEC. HEAT TREAT FINISH

DRAFT	CHECK	EXAM.	ENG.
E. Ellis 2-26-37	Chas 2-15-37	Miller	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME SUPPORT-ARMAMENT BOMB RELEASE CABLES-BULKHEAD * 0.33

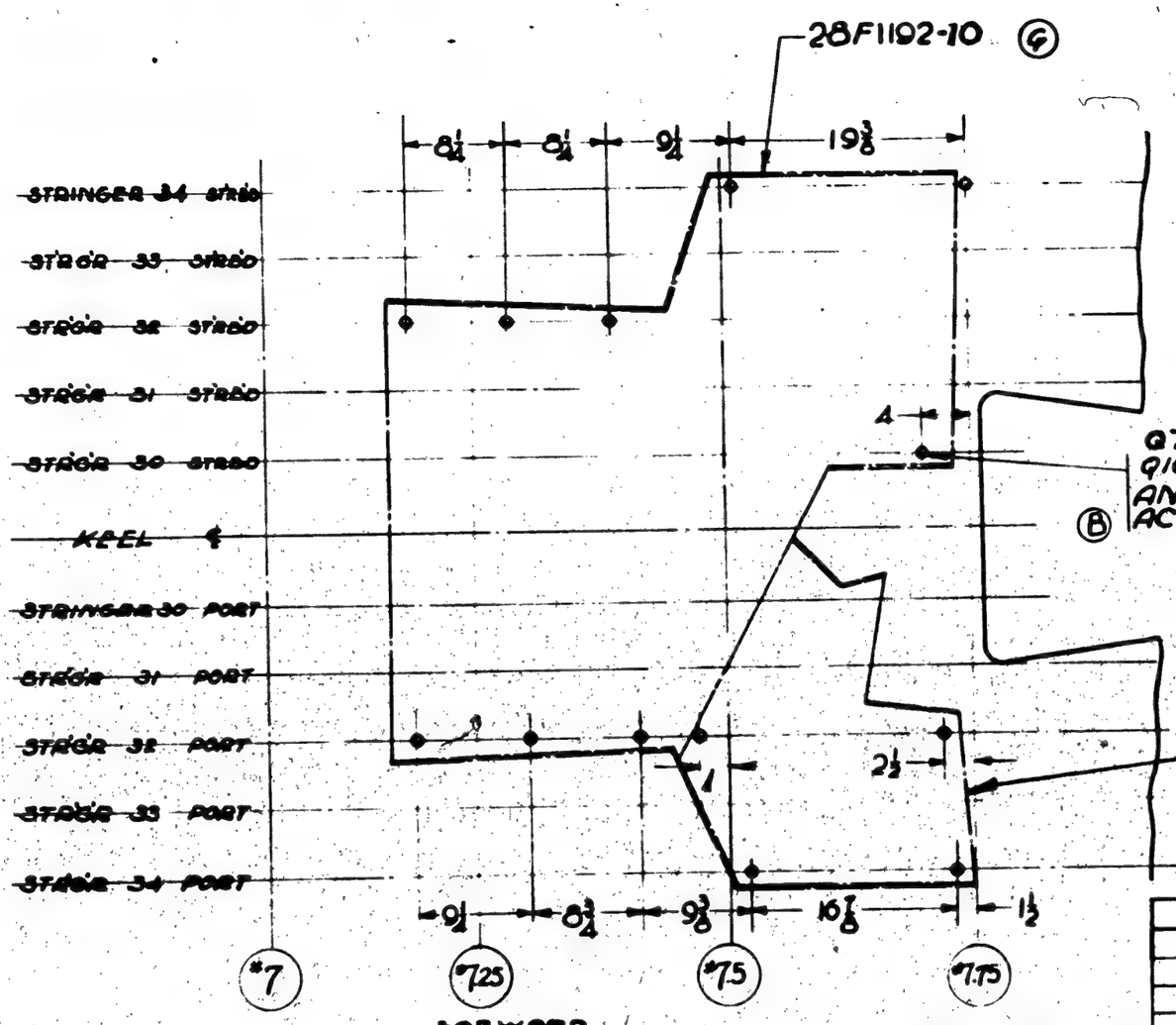
OPP. HAND 28F1382-1

DWG. B SIZE 28F1382

28F1382

SULLIVAN-McKEOGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED UP TO DATE	1-19-37	FB
E	AC365-832 WAS AN340-8	7-29-37	[illegible]
F	ADDED PBY-2 & 3 REQ'TS	7-29-37	[illegible]
G	28F1192-10 & -11 WAS 28F1192	9-30-37	[illegible]
H	ADDED Q7008-MH-.063 WASHERS	2-12-38	[illegible]
J	REPLACED Q7008-MII-.063 PBY-5	1-7-40	[illegible]
	WITH Q7102-8		
K	IN B/M ADDED "Q160I-22 (13)" AT AC225-8 & Q160I-22, ADDED "SEE NOTE." ON FACE, REPLACED CALLOUT AC225-8 "LIFT THE DOT" WITH NOTE: "Q160I-22 OR AC225-8 LIFT THE DOT." NO WT. CHG.	9-25-43	HOOK



SEE RELEASE SHEET

	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
		PBY-5B	28F7002	1						
		PBY-5A	28F6002	1						
		PBY-5	28F1002	1						
		PBY-4	28F1002		Q160I-22 SEE NOTE	13				
		PBY-3	28F1002		Q7102-8	13				
		PBY-2	28F1002		AC365-832	13				
		PBY-1	28F1002		AN960-8	13		28F1192-11	1	
		XPBY-1	28F1002	1	AC225-8 SEE NOTE	13		28F1192-10	1	

REQUIREMENTS PER AIRPLANE | MAT'L [illegible] | PARTS LIST PER ASSY.

REPLACES	XCW APPROVED	1-12-37 DATE
REPLACED BY	9.32 CALC. WT.	ACT. WT.
LIMIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ±	SCALE 1/12	
	AC —	
	NAVY —	
MATERIAL	SPEC.	HEAT TREAT	FINISH

DRAFT	CHECK	EXAM.	ENG.
STRESS [illegible]			
S-2035 1-8-37			

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME PAD INSTALLATION - FURN. TUNNEL - GUNNER'S

OPP. HAND

DWG. SIZE B 28F1387

28F1387

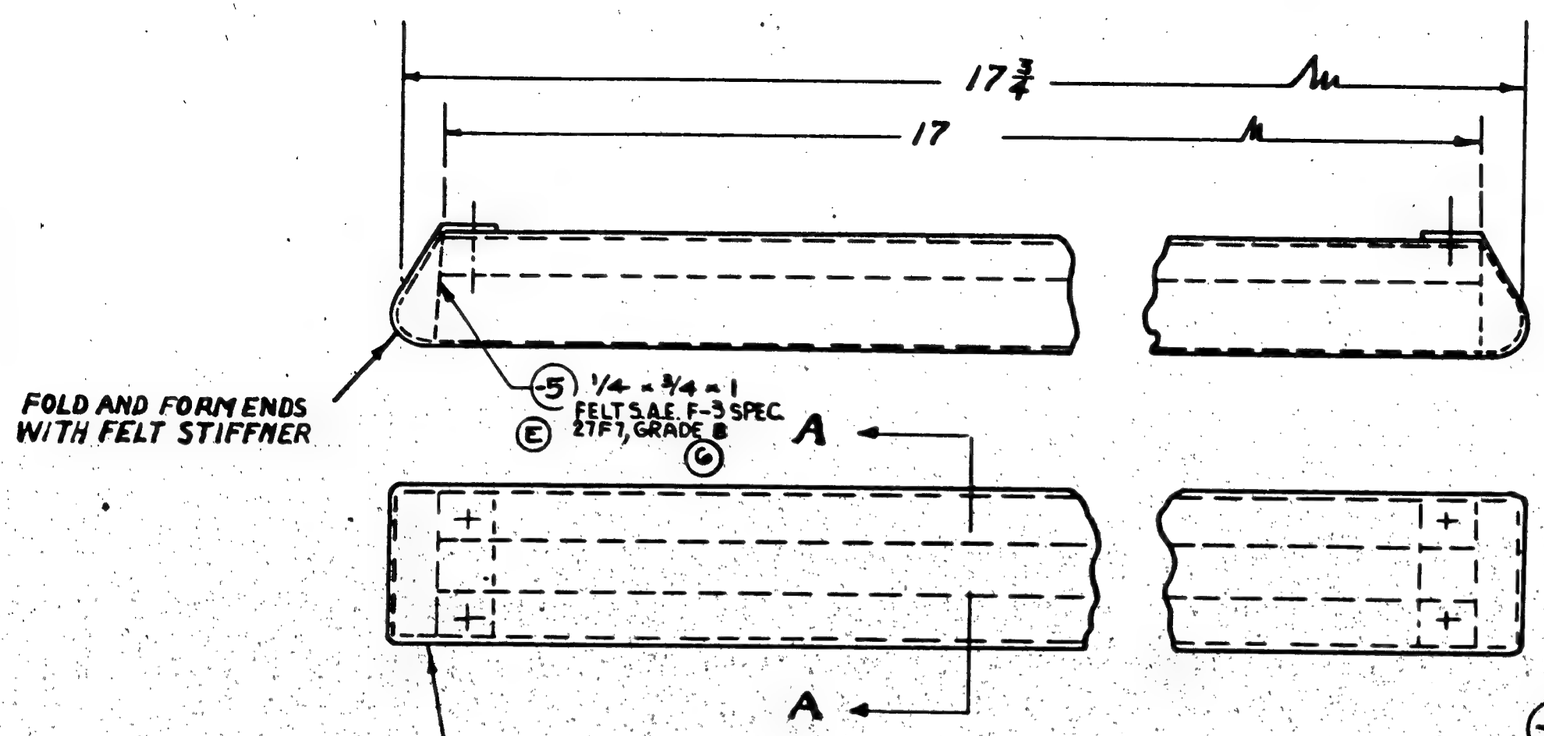
SULLIVAN-McKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

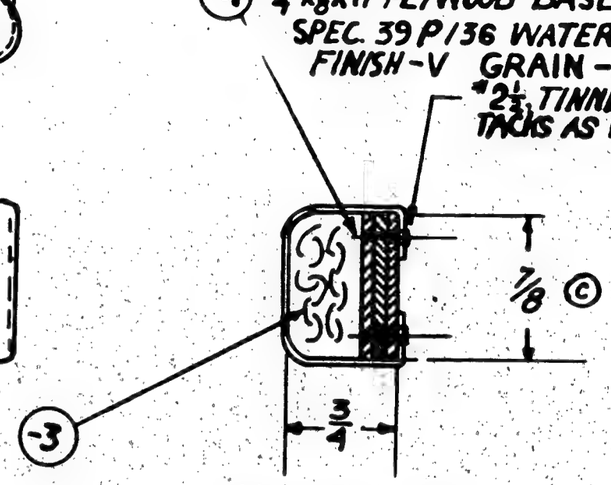
LET	ALTERATION	DATE	BY
H	ON FACE FOR -3, REMOVED "FILL WITH KAPOK, SPEC. 27K1." ADDED NOTE #1. NO WT. CHG.	9-29-43	R.J.L.H.
B	TRACED	4/13/37	[illegible]
C	7/8 DIM. WAS 1	1-6-38	[illegible]
D	COMM. FIR WAS SPRUCE	6-26-41	[illegible]
E	ADDED -5 TO DWG & B/M.	8/27/41	[illegible]
F	NOTE "ARTIFICIAL---BLACK" WAS IMITATION BLACK LEATHER SPEC 34L5" WT. CHG. NEG.	10-16-42	[illegible]
G	MATERIAL "FELT.... GRADE B" WAS "WESTERN FELT CO. #8400 OR EQUIV. (COMM.) WT. CHG. NEG.	10-24-42	[illegible]

SUPPLIES & EQUIPMENT CLASSIFICATION

5763

28-5 & FOT.





SECTION A-A

NOTES-
1- MAT'L. FOR -3 MAY BE-
(A) S.A.E. F-13 FELT, SPEC. AN-F-14, TYPE F-13, OR
(B) KAPOK SALVAGED FROM SCRAP.

O.H.	MODEL	NEXT ASSY.	REQ.
	28S5MAJ5A	28F5060	2 EA.
	28S5MAJ5	28F5060	2 EA.
	28S5MEJ5A	28F5060	2 EA.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −

[redacted]

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28F5060	2						
	PBY-5A&5	28F5060	2 EA.						
	PBY-4	28F1060					2½ Tinned 2½ Basket Tacks	AS REQ'D	
	PBY-3	28F1060					-5	2	
	PBY-2	28F1060					28F1390-4	1	
	PBY-1	28F1060-1					-3	AS REQ'D	
	PBY-1	28F1060					28F1390-2	1	
	XPBY-1	28F1060-1	1						
	XPBY-1	28F1060	1						

APPROVED [signature] 4-13-37 DATE

.19 SNB CALC. WT. ACT. WT.

SCALE 12" = 1'-0"

AC				MAT.	PARTS LIST PER ASSY.
NAVY NOTED	NOTED	NONE	NOTED		7-8-36 [signature] Miller
MATERIAL	SPEC.	HEAT TREAT	FINISH		Revised 5-7-37

REQUIREMENTS PER AIRPLANE

DRAFT | CHECK | EXAM. | ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME PAD - FURNISHINGS - PILOT'S SEAT SUPPORT

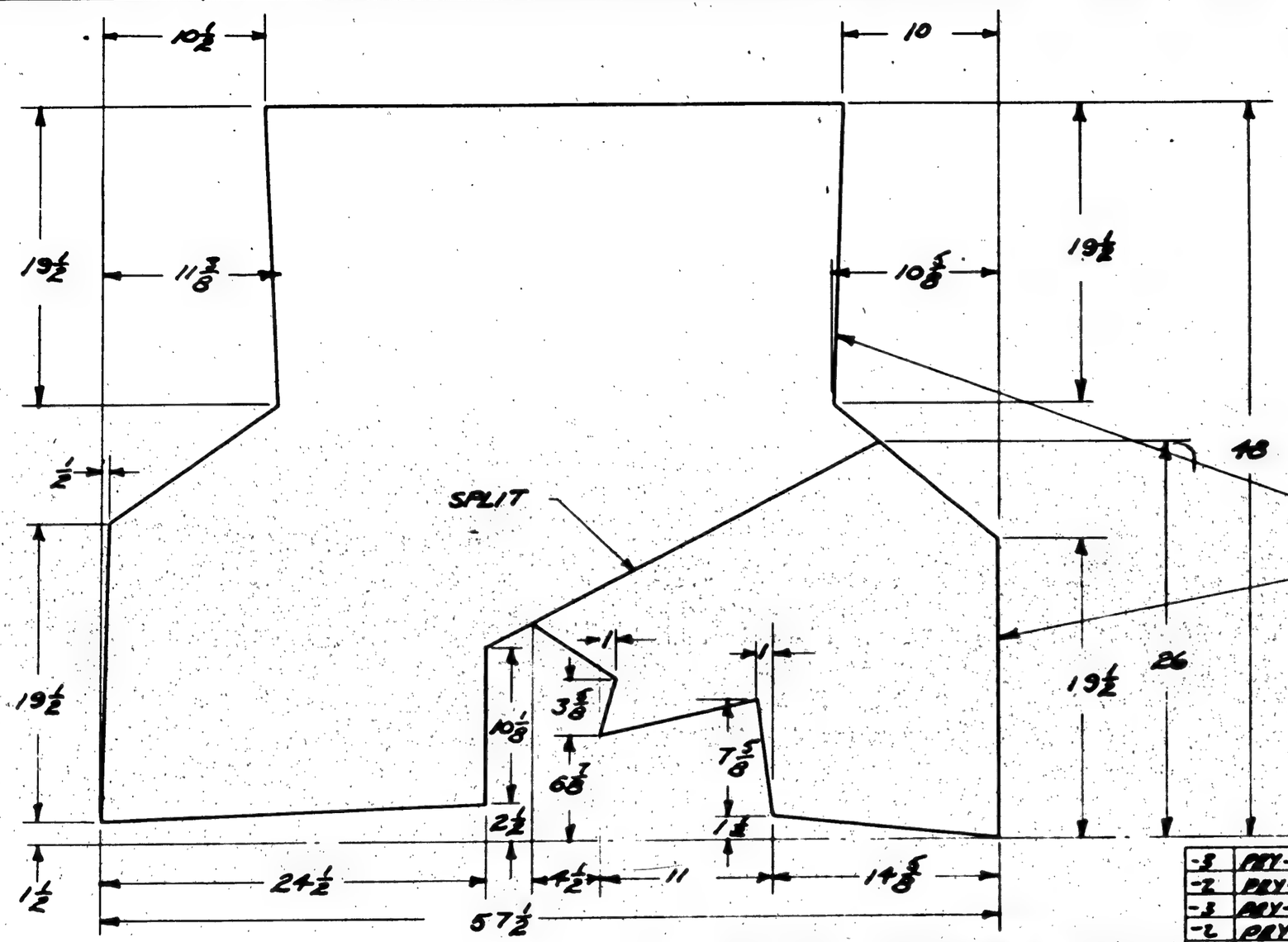
OPP. HAND

DWG. B SIZE 28F1390

28F1390

SULLIVAN-HERRODAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A.	TRACED	12-4-36	LDM.



-2 RUBBERIZED HAIR (1½ THICK) SPEC - COMM.

-3 MAY BE PURCHASED AS "DE LUXE PARATEX" FROM BLOCKSOM & CO. MICHIGAN CITY INDIANA.

-3	PBY-5A	28F1192	1										
-2	PBY-5A	28F1192	1										
-3	PBY-5A	28F1192	1										
-2	PBY-5A	28F1192	1										
-3	PBY-5	28F1192-11											
-2	PBY-5	28F1192-10											
-3	PBY-3	28F1192-11											
-2	PBY-3	28F1192-10											
-3	PBY-2	28F1192-11											
-2	PBY-2	28F1192-10											
-3	PBY-1	28F1192-11											
-2	PBY-1	28F1192-10											

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES M-1232 OF 5-12-36

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −

APPROVED LDM 12-4-36 DATE

CALC.WT. .3 × 3.83 = 1.15 ACT.WT.

SCALE 1½" = 1 FT.

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC —— | —— | —— | ——

NAVY NOTED | NOTED | NONE | NONE

MATERIAL | SPEC. | HEAT TREAT | FINISH

DRAFT	CHECK	EXAM.	ENG.
RL	JP	MILLER	
5-23-36	12-5-36		

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

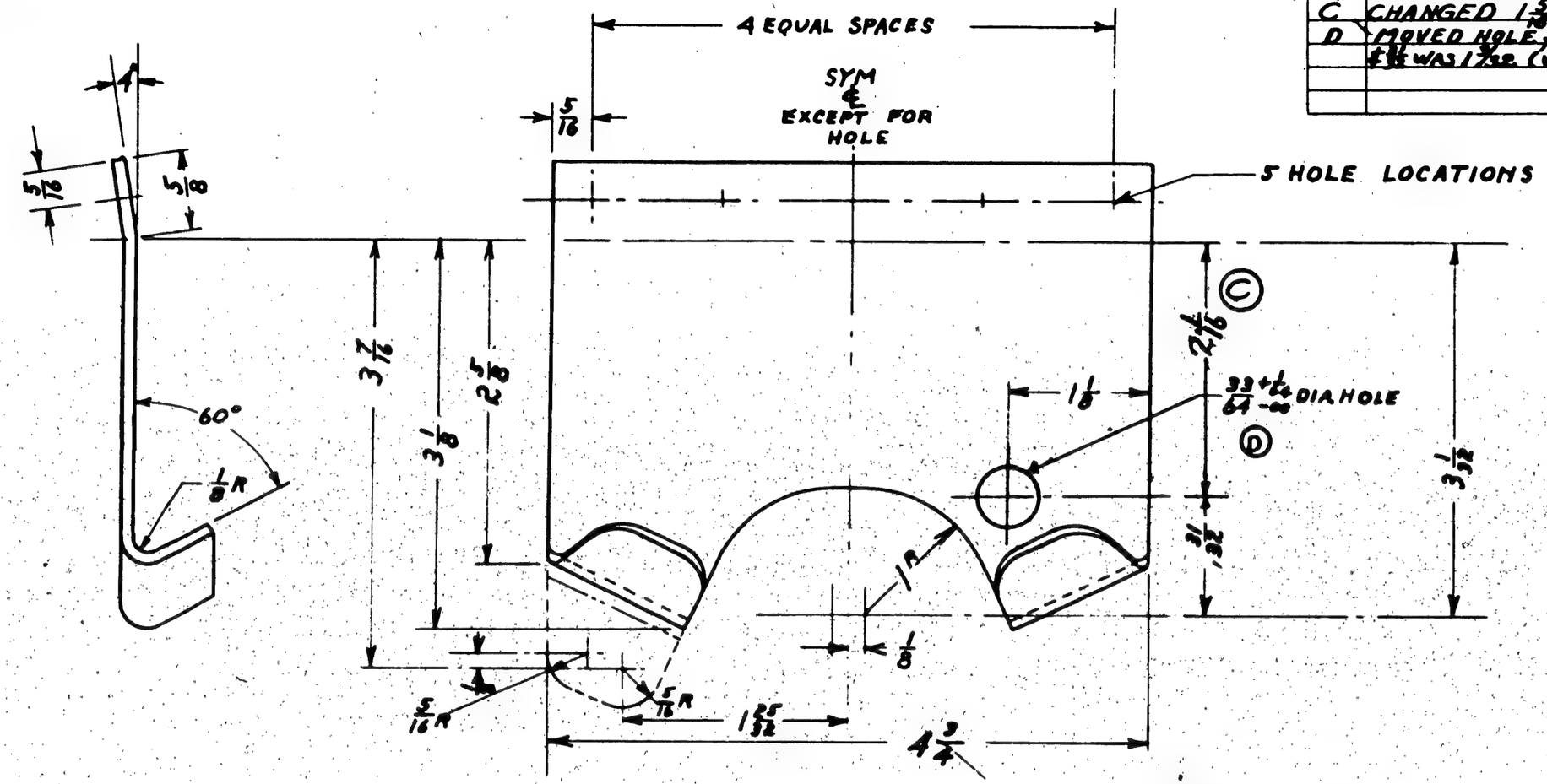
NAME FILLER - FURNISHINGS TUNNEL GUNNERS PAD

OPP. HAND

DWG. B SIZE 28F1400

CURTISS-WRIGHT CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED UP TO DATE	1-23-37	[illegible]
C	CHANGED 1 3/8 DIM. TO 1 13/16	8-16-37	SQUARE
D	MOVED HOLE, DIMS 2 1/16 WAS 1 3/16 & 3/16 WAS 1/32 (WITCHS NEG.)	6-5-42	[illegible]



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP - GREEN PRIME

	PBY-5	28F1006	1							
	PBY-5B	28F1006	1							
	PBY-4	28F1006								
	PBY-3	28F1006								
	PBY-2	28F1405								
	PBY-1	28F1405								
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

[redacted] 1-23-37 DATE

CALC.WT. 13 LBS ACT.WT.

SCALE 1" = 12"

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC

NAVY NOTED | NOTED | NOTED | Z-P-2 AMS GP

MATERIAL | SPEC. | HEAT TREAT | FINISH

DRAWN BY [illegible] 5-25-36 | TRACED 2-10-37 | DRAFT | CHECK | EXAM. | ENG.

ALL AL. ALLOY SHEET, 091 SPEC. [illegible] A [illegible] 24A EXCEPT AS NOTED

ALL AL. ALLOY EXTRUSION [illegible] 24-T EXCEPT AS NOTED

HEAT TREAT ALL [illegible] COND. T

RIVETS [illegible]

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME

HOOK - ARMAMENT - BOW GUN STOWAGE LATCH

OPP. HAND

DWG. B SIZE

28F1404

SULLIVAN-MORGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

LET	ALTERATION	DATE	BY
F	ON FACE, FOR-3, REMOVED "FILL WITH KAPOK, SPEC. RTKI." ADDED NOTE "1. NO WT. CHG.	9-24-42	[illegible]

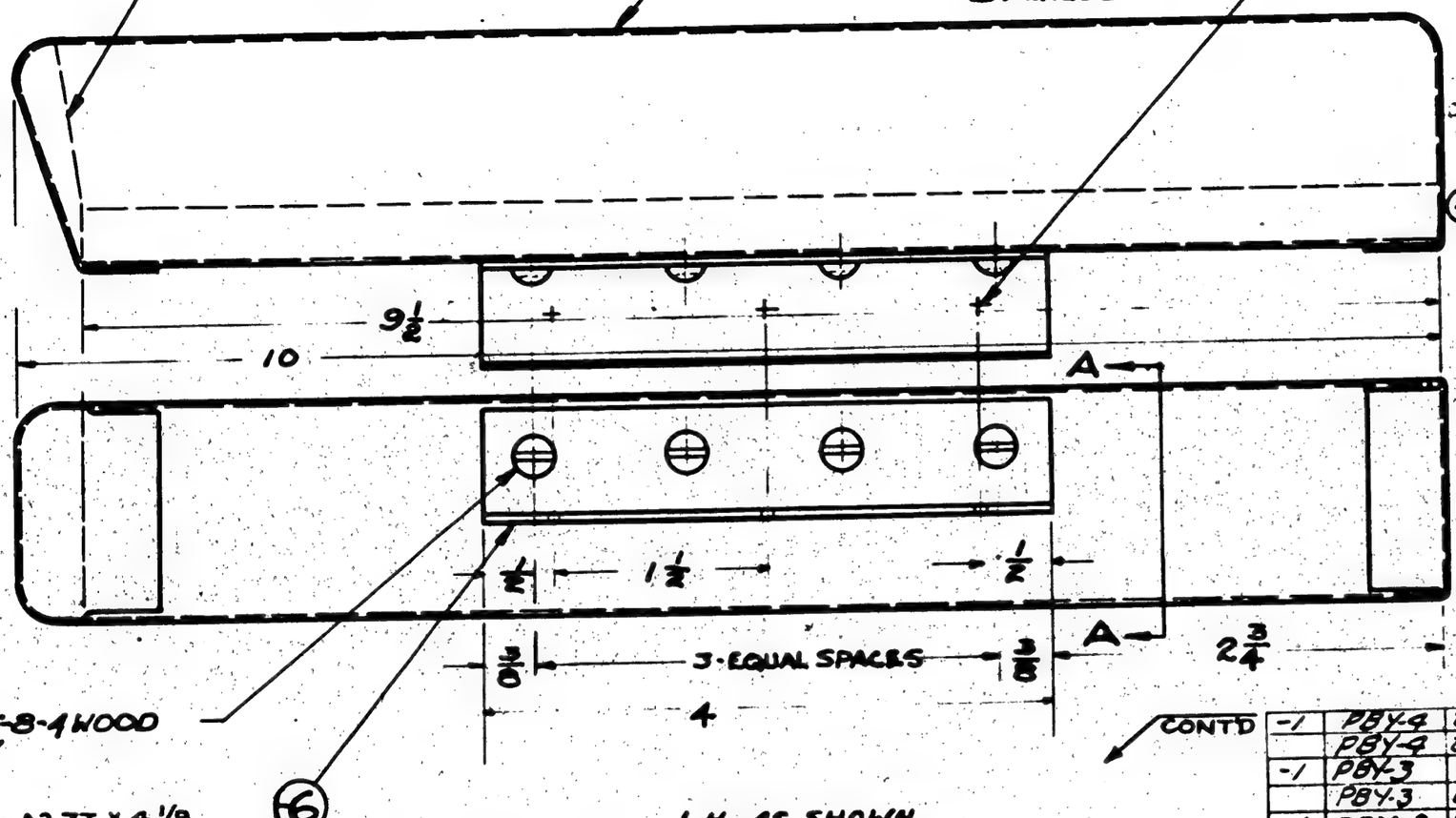
SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	1-23-37	R.A.
B	COMM. FIR WAS SPRUCE	6-23-42	[illegible]
C	REPLACED "IMITATION BLACK LEATHER SPEC. 34-L-5" WITH "ARTIFICAL ... BLACK" FOR-2. WT. CHG. NEG.	10-16-42	M MOLL
D	MATERIAL FOR-3 "FELT CORNER ... ONLY" WAS "FELT CORNER BLOCK ON THIS END ONLY" WESTERN FELT CO. #8400 OR EQUIV. (COMM.) WT. CHG. NEG.	10-24-42	MOLL
E	ON FACE OF DWG. CHG. MAT. FOR-6 FROM 3/4 x 1 1/2 x AL. ALLOY ANGLE KNOT TO Y-2-A27T x 4 1/8	5-10-43	[illegible]

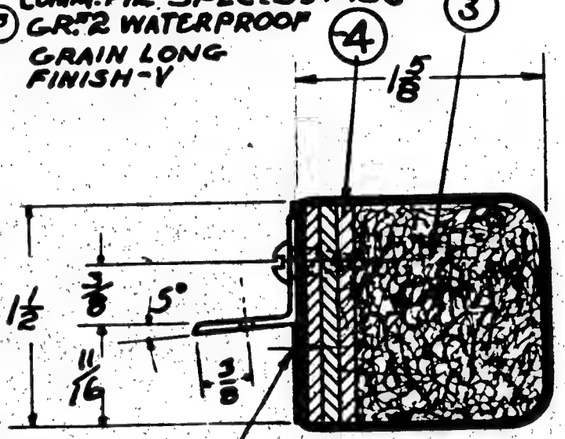
(5) 1/4 x 1 1/2 x 1 1/2 FELT CORNER BLOCK, S.A.E. F-3 NAVY SPEC. 27F7, GRADE B, ON THIS END ONLY. (D)

(2) ARTIFICAL LEATHER FEDERAL SPEC. E-KK-L-136 TYPE 3 CLASS B BLACK (C)

DRILL 1/8 PILOT HOLES 3 PLACES



3/8 x 1 1/2 x 9 1/2 PLYWOOD (3 PLY) COMM. FIR - SPEC. 39 P136 GR. #2 WATERPROOF GRAIN LONG FINISH - V (B)



SECTION "A A"

CONTD

-1	PBY-4	28F295						28F1411-6	1	1
	PBY-4	28F295						28F1411-5	1	1
-1	PBY-3	28F295						-4	1	1
	PBY-3	28F295						-3	1	1
-1	PBY-2	28F295						-2	1	1
	PBY-2	28F295								
-1	PBY-1	28F295	1							
	PBY-1	28F295	1	AN545-8-4	4	4	28F1411-2		1	1

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

NOTES –
1 – MAT'L. FOR -3 MAY BE –
(A) S.A.E. F-13 FELT, SPEC. AN-F-14, TYPE F-13, OR
(B) KAPOK SALVAGED FROM SCRAP.

L/R	28S-MN	28F295	1	1
L/R	28SAMN	28F295	1	1
L/R	28SAMC	28F295	1	1
L/R	28SMA	28F295	1	1
L/R	28SME	28F295	1	1
L/R	28SMC	28F295	1	1
-R	PBY-5B	28F295	1	
-L	PBY-5B	28F295	1	
-R	PBY-5&5A	28F295	1	
-L	PBY-5&5A	28F295	1	

O.H.	MODEL	NEXT ASSY	REQ

REQ. PER AIRPLANE

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

R.C.H. APPROVED 1-29-37 DATE
.16 CALC. WT. ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY NOTED
MATERIAL

NOTED	NONE	NOTED
SPEC.	HEAT TREAT	FINISH

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN

DRAFT	CHECK	EXAM.	ENG.
[illegible]	[illegible]	[illegible]	[illegible]

NAME CRASH PAD - FURNISH - MECHANICS

OPP. HAND 28F1411-1

DWG B SIZE 28F1411

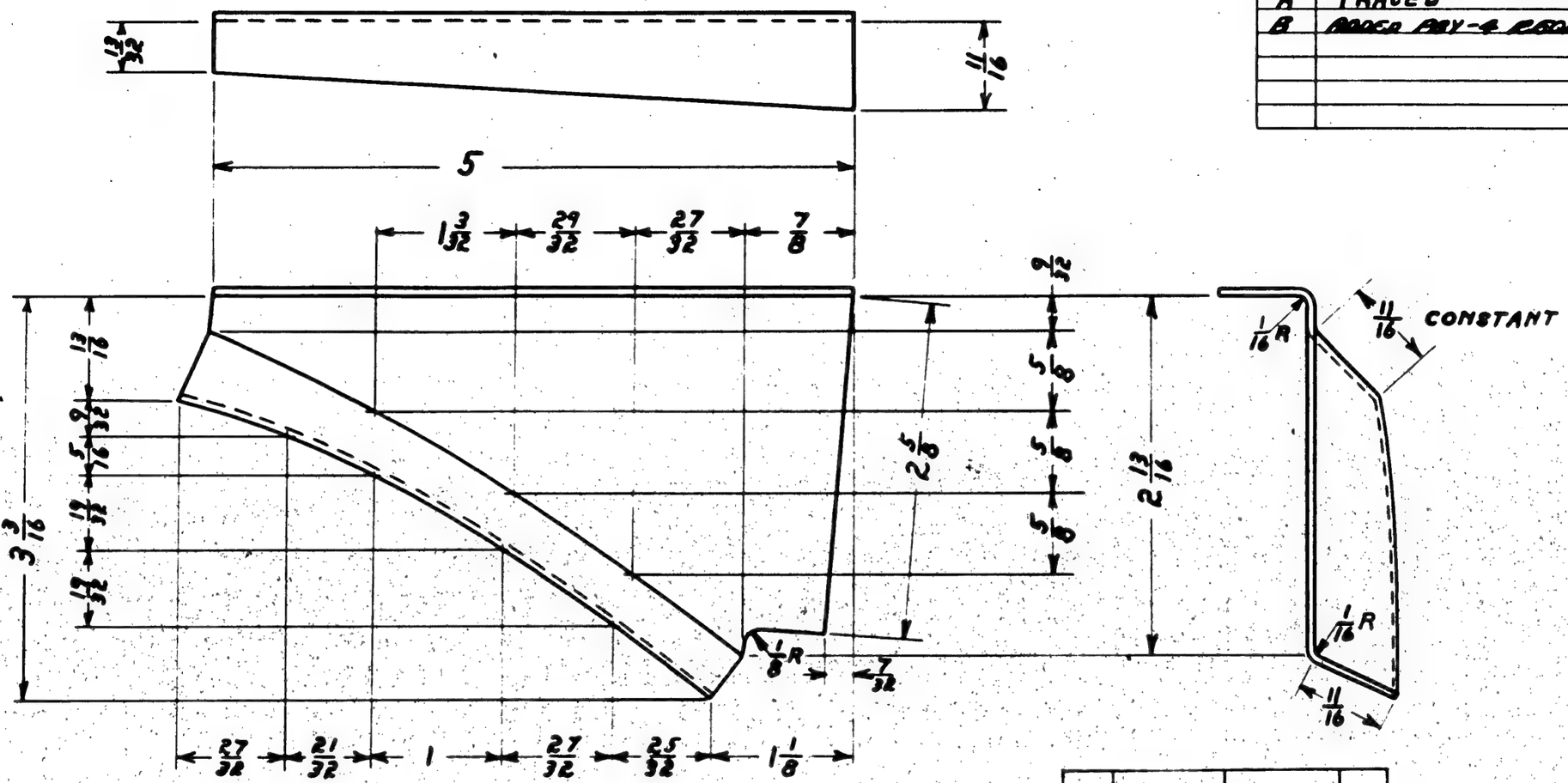
28F1411

FINISH – VARNISH

L.H. AS SHOWN
R.H. OPPOSITE

SULLIVAN-SCHOEDSACK CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-23-37	[redacted]
B	ADDED PBY-4 COUNTS	2-3-37	[redacted]



C.P. GREEN PRIME
FINISH CODE

Z	[redacted]
P	[redacted]
AP	[redacted]
C	[redacted]

LET	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5A	28F1423-5	1						
	PAY-4	28F1423							
	PBY-3	28F1423							
	PBY-2	28F1423							
	PBY-1	28F1423	1						
	XPBY-1	28F1423	1						

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED [redacted] DATE 1-23-37

CALC. WT. .07 SNA ACT. WT.

SCALE 12" = 1'-0"

O.H. 24-A

REQUIREMENTS PER AIRPLANE

MAT. G.P.

PARTS LIST PER ASSY. 6-3-36

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY .051 ALUM. AL. 3K	47A10(A)	SR-53 COND-T	Z-P-2[redacted]	MACK	2-10-37	[redacted]	R

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME PLATE - (OUTBOARD) BOMB SIGHT TRACK - SUPPORT

OPP. HAND

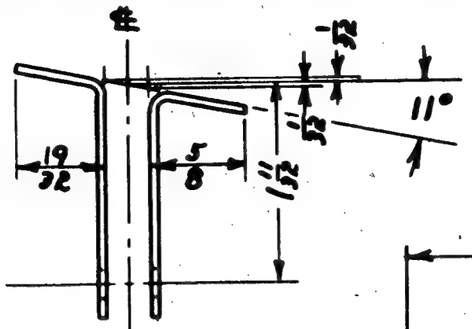
DWG. B SIZE 28F1421

SULLIVAN-McKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

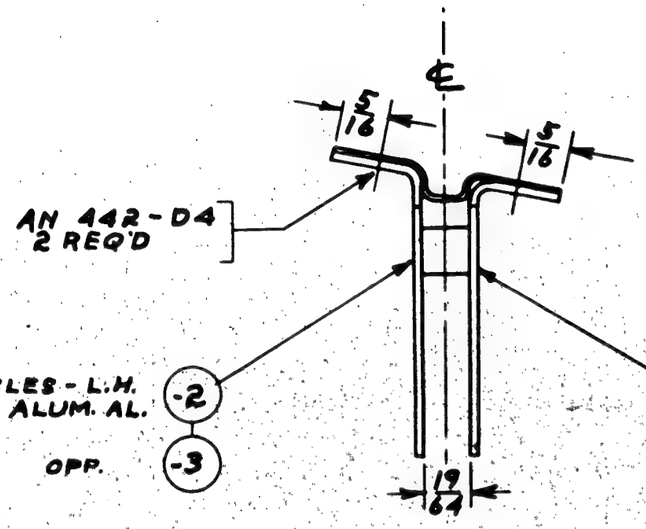
G.P.-GREEN PRIME

INIS 1 CODE	
Z	ANODIC TREATMENT
P	P27 PRIMER
AP	ZINCHROMATIZED PRIMER
T	ALUMINUM PLATE

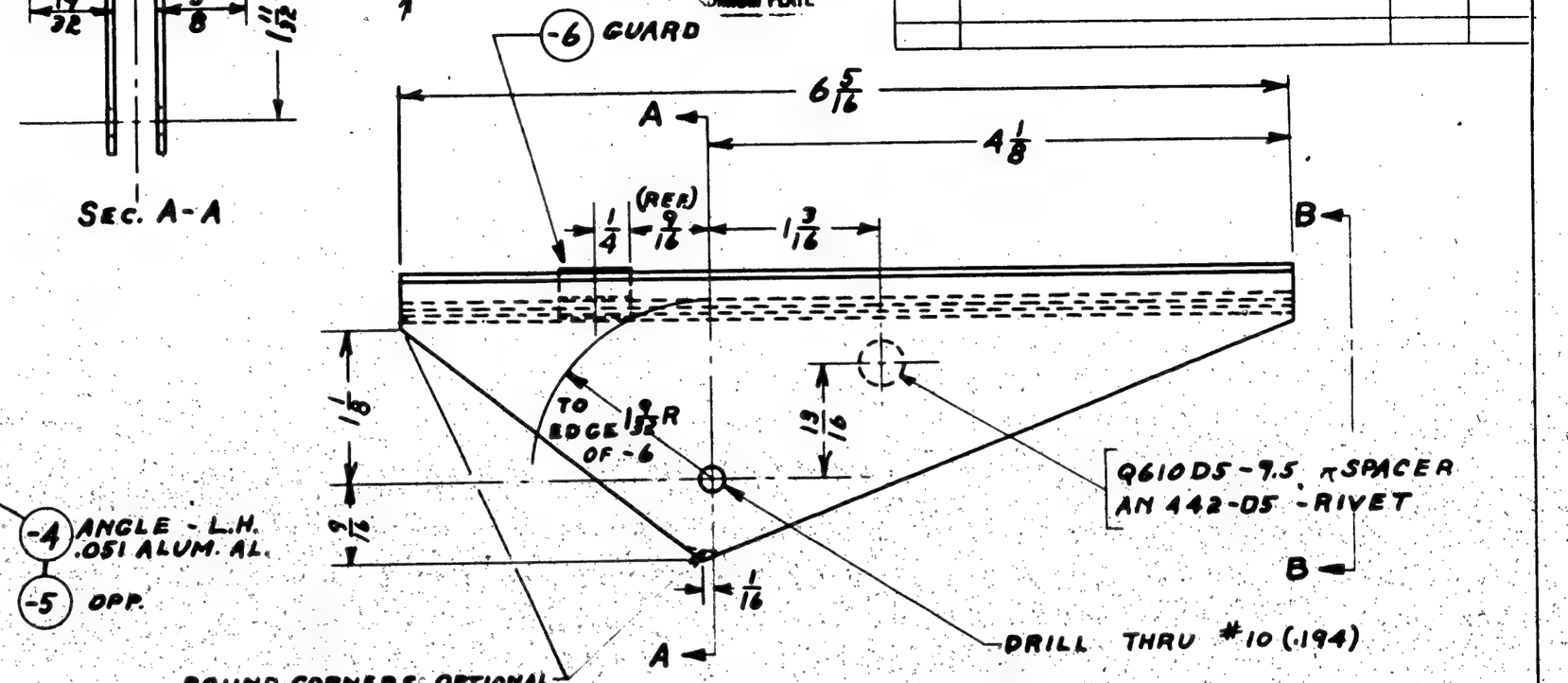
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-22-37	[illegible] SMITH
B	ADDED PBY-4 REQMTS	2-1-38	[illegible]

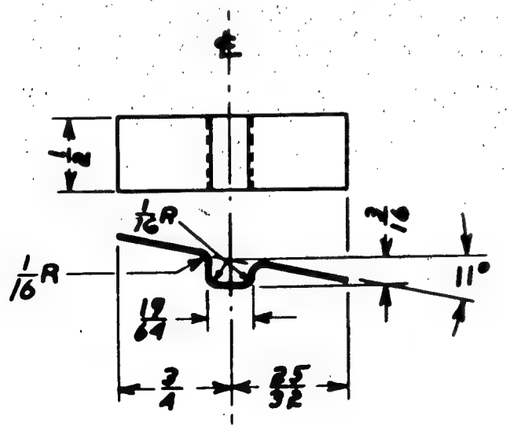


SEC. A-A



VIEW B-B





DETAIL PART -6
MAT'L - .030 ALUM. ALLOY SHEET

BEND RADII 3/32 EXCEPT AS NOTED

A A

COND. "T"

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
-R	PBY-5A	28F1428	1						
-L	PBY-5A	28F1428	1						
-1	PBY-4	28F1428-1							
	PBY-4	28F1428					Q610D5-95	1	1
-1	PBY-3	28F1428-1					28F1427-6	1	1
	PBY-3	28F1428					-5		1
-1	PBY-2	28F1428-1					-4	1	
	PBY-2	28F1428					-3		1
-1	PBY-1	28F1428-1		AN442-D5	1	1	28F1427-2	1	
	PBY-1	28F1428		AN442-D4	2	2			

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

NOTED	NOTED	G.P Z-P-2	BOULEY	[illegible]	[illegible]	
SPEC.	HEAT TREAT	FINISH	6-3-3	2-10-37		
			DRAFT	CHECK	EXAM.	ENG.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/64 & 1/2°

RCW 1-22-37 APPROVED DATE

.10 CALC. WT. ACT. WT.

SCALE 12" = 1'0"

AC

NAVY NOTED

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

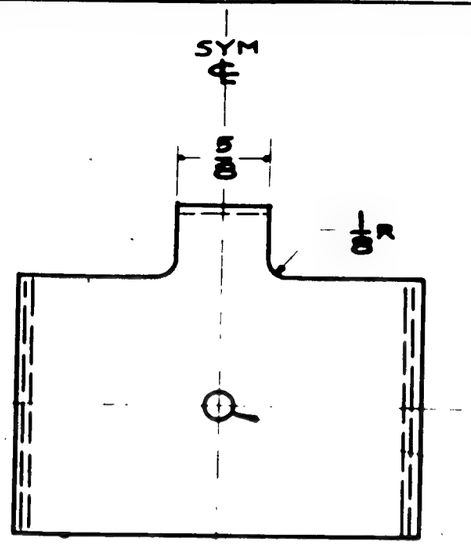
NAME BRACKET-ARMAMENT EMER. BOMB REL. PULLEY

OPP. HAND 28F1427-1

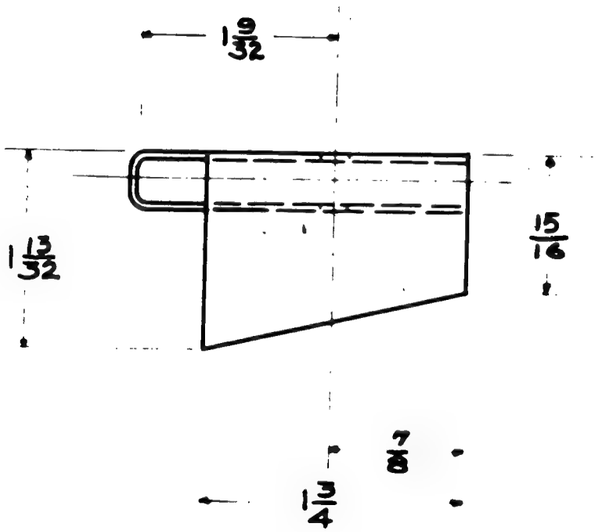
DWG. B SIZE 28F1427

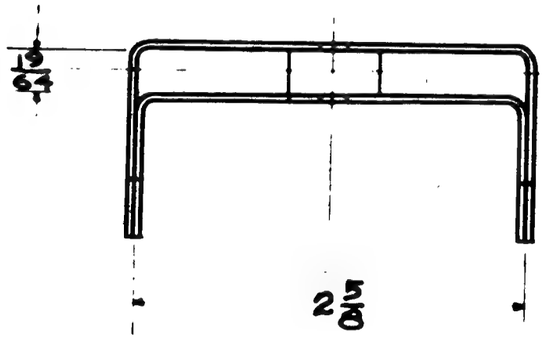
SULLIVAN-McKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-20-37	R.A.
B	ADDED PAY-A REQMTS	2-1-38	[illegible]



DRILL THRU #10 (.194)





BEND RADII 3/32

G P-GREEN PRIME

FINISH CODE	
Z	[illegible]
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

	PBY-5A	28F1430	2										
	PBY-4	28F1430-1											
	PBY-4	28F1430											
	PBY-3	28F1430-1											
	PBY-3	28F1430											
	PBY-2	28F1430-1											
	PBY-2	28F1430											
	PBY-1	28F1430-1											
	PBY-1	28F1430											
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED [signature] DATE 1-20-37

.09 CALC. WT. ACT. WT.

SCALE FULL SIZE

AC

NAVY-051 AL. ALLOY SH. | 4T&10 COND A ALLOY 24S | SPEC 5R63 COND T | Z-P-2 G.P

MATERIAL | SPEC. | HEAT TREAT | FINISH

	DRAFT	CHECK	EXAM.	ENG.
BOULEY	[signature]	MILLER		[signature]
6-5-36	2-5-37			

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME BRACKET-ARM'T-EMER. BOMB REL. PULLEY LOWER

OPP. HAND

DWG B SIZE 28F1429

SULLIVAN-MCKEOGAN CO INC BUFFALO
IMPERIAL TRACING CLOTH

LET	ALTERATION	DATE	BY
B	TRACED	7-15-38	W.J. HOOVER
C	CHG'D STITCH ON BACK. REMOVED	4-15-40	AGREN
	AN230-A20 GROMMETS (4) ADDED		
	NOTE "ALL DIM'S. APPROX. STITCH.		
	MAY VARY TO FACILITATE MFG"		
D	ADDED -3 & -4 ASSEMBLIES	4-6-40	BEECH TOP
E	ADDED NOTE & NEXT ASSY REQTS, -3 & -4	12-12-40	[illegible]
F	ADDED -5B ASS'Y & STENCIL NOTE	1-28-41	[illegible]
G	ADDED -5 ASS'Y.	4-11-41	Schultz
H	ADDED -15 ASS'Y NO. WT. CHG	4-27-42	[illegible]

J	CHG'D -2 MAT'L FROM 20 OZ WATERPROOF DUCK TO 8 OZ. WATER-PROOF DUCK WT CHG NEG	6-5-42	CLARK
K	ON FACE OF D'W'G CHANGED MATERIAL OF -2 FROM "OLIVE DRAB 8 OZ. WATER-PROOF DUCK" TO "8 OZ. DUCK C.A.C. FAB. #6-50" WT. CHG. NEG.	11-10-42	MOLL
L	LIMITED -0- PBY-5A -28F1478 TO MCR 221B-10. ADDED -0- PBY-5A 28F1695 (1 REQ) FOR MCR 221B-10 CON. No WT. CHG	8-21-43	[illegible]

E.O. 28888 A
E.O. 28888 B
28-5MN E.O. 32934
F038769
PBZY-2

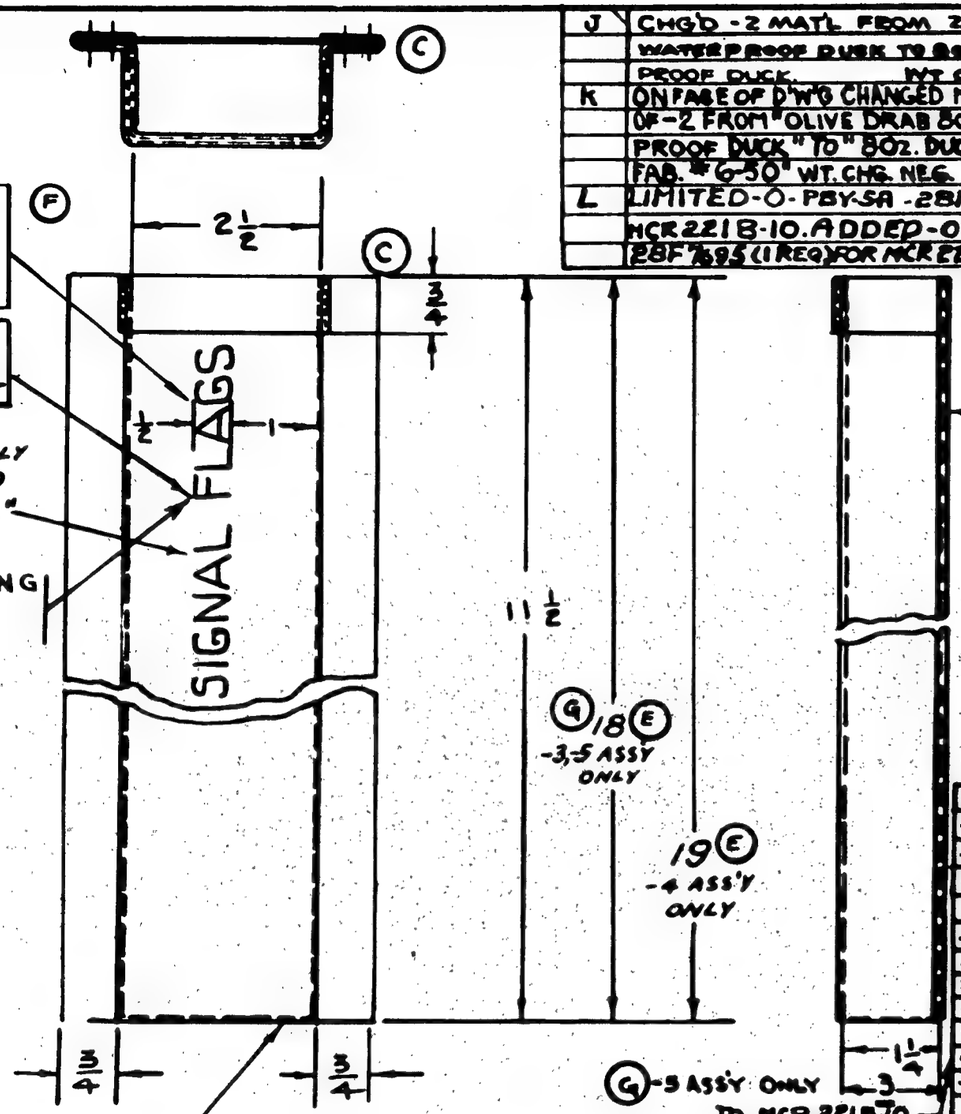
"SEIN VLAGGEN" IN PLACE OF "SIGNAL FLAGS" ON -5B ASS'Y (ONLY)

½ BLOCK LETTERS STENCIL WITH BLACK ENAMEL

(E) -3 & -4 ASS'Y ONLY (G) STENCIL "HAND PUMP STOWAGE"

(H) FOR -15 LETTERING TO READ FROM THIS SIDE

INSTALL AT RH SIDE OF SHIP



(-2) (J) 8 OZ. DUCK NAVY SPEC. 2404 C.A.C. FAB # 6-50
FLAT PATTERN APPROX 6¾ x 27¼ (K)

NOTE: ALL SEAMS & HEMS TO BE STITCHED WITH COTTON THREAD SPEC. VT 2762

ALL DIMENSIONS ARE APPROX. STITCHING MAY VARY TO FACILITATE MANUFACTURE. (C)

(F) -5B FOR 28-5MN (SAME AS -0 EXCEPT FOR STENCILING)
MCR 221B-10 CON

-0	PBY-5A	28F7695	1	MCR 221B-10 CON
-15	PBZY-3	28F3394	1	
-5B	28-5MN	28F1478	1	
-0	28-5MK, MC	28F1470	1 EA	
-3	PBZY-2	28F2300	1	
-5B	28-5MN	28F1478	1	
-4	[illegible]	32F226	1 EA	
-0	28-5MK, MN-P	28F1478	1 EA	
-0	PBZY-2	28F1466	1	
-4	B24C	32F3220	1	
-0	PBY-5A	28F1478	1	
-0	28-5MA	28F1478	1	
-0	PBY-5	28F1478	1	
	PBY-4	28F1478		
	PBY-3	28F1478		
	PBY-2	28F1478		

O.H.	MODEL	NEXT ASSY.	REQ	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	-2 LH REQ.	-2 RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT	PARTS LIST PER ASSY			1									

A C				8-12-38		Cn.		
NAVY NOTED	NOTED	NONE	NOTED	[illegible]		Miller	R	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.	

REPLACES	2Cw 8-15-38 APPROVED DATE		
REPLACED BY	.18 CALC. WT.	ACT. WT.	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	6" = 1'0" SCALE		

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME POCKET-FURNS-SIGNAL FLAGS

OPP. HAND

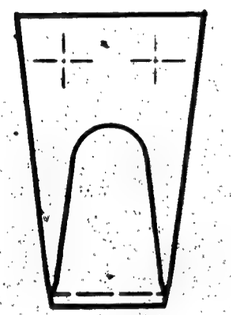
DWG. B SIZE 28F1509

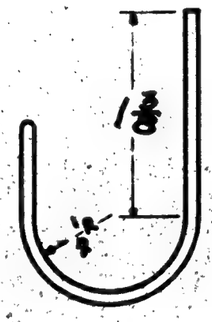
28F1509

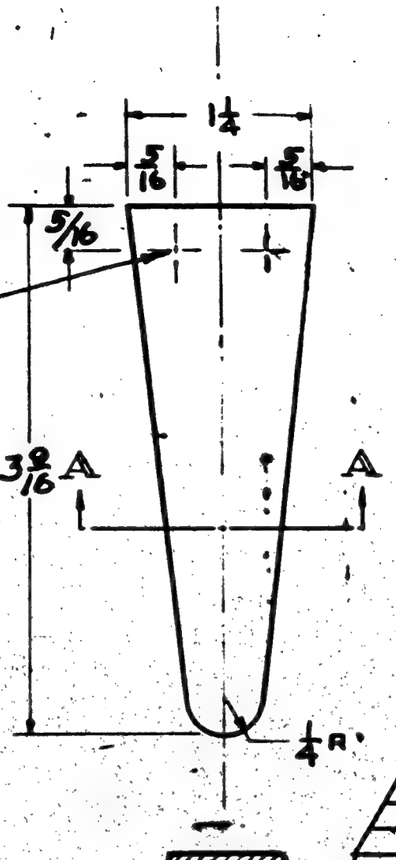
R

LET.	ALTERATION	DATE	BY
H	ADDED REQ. FOR PB2Y3 &		
	PB2Y3R NEXT ASSY. 29F6230.		
	NO WT. CHG.	5-3-43	[illegible]
J	CHANGED NEXT ASSY. OF PB2Y3		
	FROM 29F6230 TO		
	29F7383. ACA #P94-1-(3)A. NO WT. CHG	5-[illegible]-43	[illegible]
K	[illegible]		

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-25-37	R.A.
B	CHANGED REQ ON NEXT ASS'Y	1-19-37	[illegible]
	28F1280 FROM 8 TO 16 ADDED		
	NEXT ASS'Y 2RE212-11 IR [illegible]		
C	ADDED REQ FOR XB-24 & B-24	8-15-39	FOX
D	CHG'D NAVY MAT. TO ALCLAD SHT.	8-18-39	FOX
E	INCORPORATED ED.'s A9996A,		
	A92526, B3000, A93429,		
	R90810, A92126, A92286		
	A82228 E A65401A.		
F	CHG. REQ'MT OF 29F7131 FROM		
	2 TO 4. NO WT. CHG.	5-5-43	[illegible]
G	ADDED PB2Y3 - 29F7358 (1)		
	TO REQ PER AIRPLANE B. NO WT. CHG		
	ACA R 19-2	5-9-43	[illegible]







SECTION AA
ROUND CORNERS
APPROX. AS SHOWN

PBY-5A	29F6230	1	MCR 24A-3	
PB2Y-3R	29F7383	1	ACA #94-1-(3)	
PB2Y-3	29F7383	1	MCR 24A-3 ACA #94-1-(3)	
PB2Y-3	29F6230	1	SHIPS #1-10 ACA #94-1-(3)	
PB2Y-3R	29F7358	1	MCR 142-43-4	
PB2Y-3	29F8041	1	ACA R-19	
PB2Y-3R	29F7180	1	MCR 175-9	
PB2Y-3	29F7131	4	MCR 172-1-1	
PB2Y-3	29F7262	2	MCO 70 (13-1) 2	
PB2Y-3	29F6569	1	MCR 175-2	
PB2Y-3	29F6217	1	MCR 175-2	
PB2Y-3	29F6250	1	CONT. # 91896 - 91896	
PBY-6A	28F5436	2	CONT. # 91896 - GREEN PRIME	
PBY-6	28F5435	2	90 BW CONT. # 91896 SP. GREEN PRIME	
PBY-6	28F6971		1-91 CONT. # 91896 FINISH C	
PBY-6	28F6409			
PBY-5A	SEE B.M.			
XPB2Y-3	29F6243	1		
PB2Y-3	29F6243	1	95 BW SEE B.M.	
PBY-6	28F1280	15		
B-24	32F200	13		
XB-24	32F200	13		
PBY-4	28F212-11	1		
PBY-3	28F212-11	1		
PBY-4	28F1280	7		
PBY-3	28F1280	7		
PBY-2	28F1280	6		
PBY-1	28F1280	6		

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH	RH	PART NO.	LH REQ.	RH REQ.

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
		SR 53 (COMD.T)	E-P-2				

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED [illegible] 1-25-37 DATE

CALC. WT. [illegible] ACT. WT. [illegible]

SCALE 12" = 1' 0"

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. NO. WHERE SHOWN

NAME HOOK-FURN. INTER-PHONE HEADSET

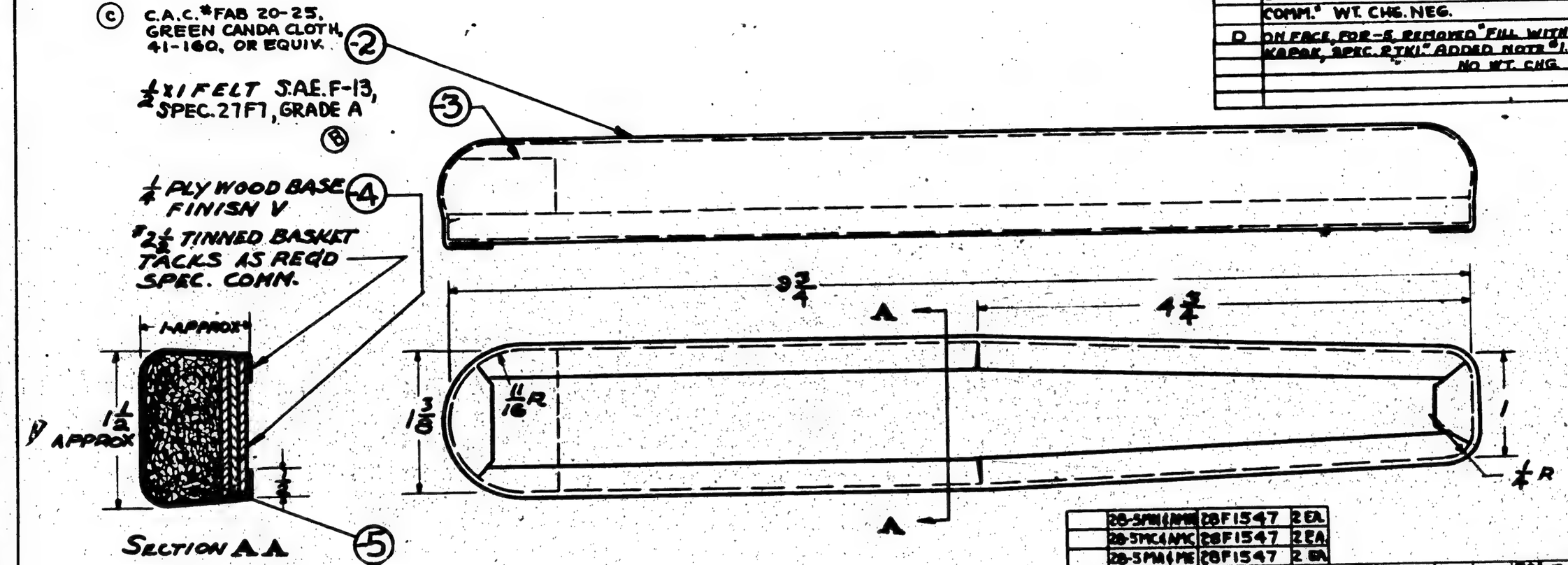
OPP. HAND

SIZE D 28F1527

GOODYEAR

SULLIVAN-ROSENBAUM CO., INC., BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	[illegible]	R.A.
B	MATERIAL FOR-5 "1/2 X 1 FELT.... GRA"		
	WAS "1/2 X 1 FELT FORMER LENGTH"		
	SHAPE TO SUIT-SPEC. COMM." WT. CHG. NEG.	10-26-42	MOLL
C	MATERIAL FOR-2 "C.A.C." FAB 20-25---		
	EQUIV." WAS "BROWN WHIPCORD, SPEC.		
	COMM." WT. CHG. NEG.	11-28-42	[illegible]
D	ON FACE, FOR-5, REMOVED "FILL WITH		
	KAPOK, SPEC. PTKI." ADDED NOTE "1."		
	NO WT. CHG.	9-29-43	[illegible]



NOTES-

1- MATERIAL FOR -5 MAY BE-

(A) S.A.E. F-13 FELT, SPEC. AN-F-14, TYPE F-13, OR

(B) KAPOK SALVAGED FROM SCRAP.

FINISH - VARNISH

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	28-5PM(APK)	28F1547	2 EA.				#2 1/2 TINNED BASKET TACKS REQD	AS	
	28-5PMC(APK)	28F1547	2 EA.				28F1546-5	AS REQD	
	28-5PM(PE)	28F1547	2 EA.				28F1546-4	1	
	PBY-5NAV	28F1547	2 EA.				28F1546-3	1	
	PBY-5	28F1547	2.				28F1546-2	1	
	PBY-4	28F1547					28F1546-1	1	
	PBY-3	28F1547							
	PBY-2	28F1547	2						
	PBY-1	28F1547	2						

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES	APPROVED [illegible] 7-30-37 DATE	AC	NAVY NOTED	MATERIAL
REPLACED BY	CALC. WT. .14 ACT. WT.	NONE	NOTED	NOTED
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±	SCALE 12"=1'0"	SPEC.	HEAT TREAT	FINISH

AS-2-36 [illegible] CW

PT'S MOCKUP 2-8-37 [illegible]

DRAFT | CHECK | EXAM. | ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME PAD FURNISHINGS - PILOTS ARM RESTS

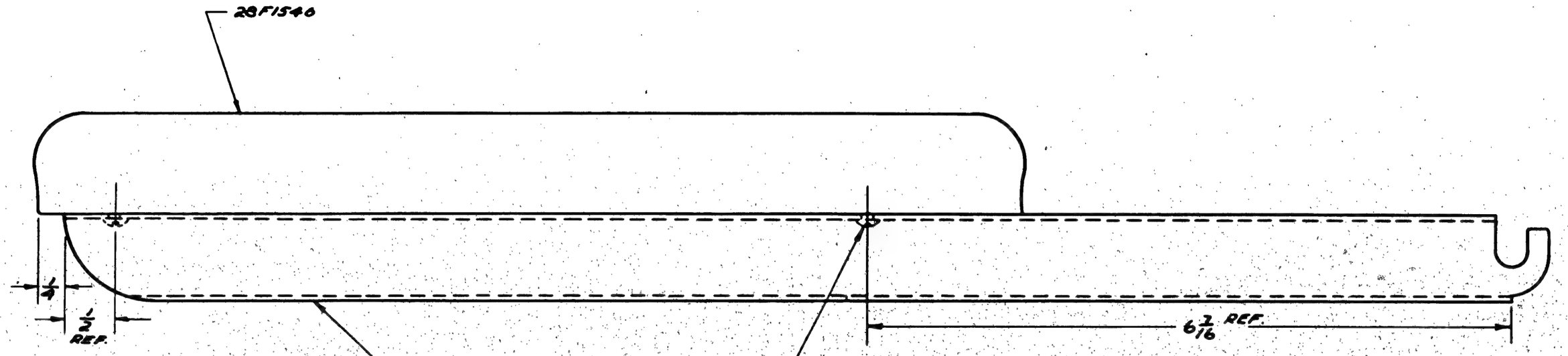
OPP. HAND NONE

SIZE B 28F1546

28F1546

CURTISS-WRIGHT CORP. AERO. DIVISION
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	4-16-37	H.W.



C.77713 & C.80476

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5A	28F1070	2						
	PBY-5A	28F6233	2						
	PBY-4	28F1070							
	PBY-3	28F1070							
	PBY-2	28F1070					28F1545	1	
	PBY-1	28F1070		AN545-10-4	2		28F1546	1	
	PBY-5B	28F6233	2						

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

				10-5-36		C.N.	
				FFINGER 5-4-37		HNLER	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
ANY NOTED		NONE	NONE				

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED RCB 4-16-37 DATE

CALC.WT. .40 ACT.WT.

SCALE 12" = 1'-0"

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

AMP PT. No. WHERE SHOWN

NAME REST ASSEM.-FURN PILOTS ARM

OPP. HAND NONE

DWG. SIZE B

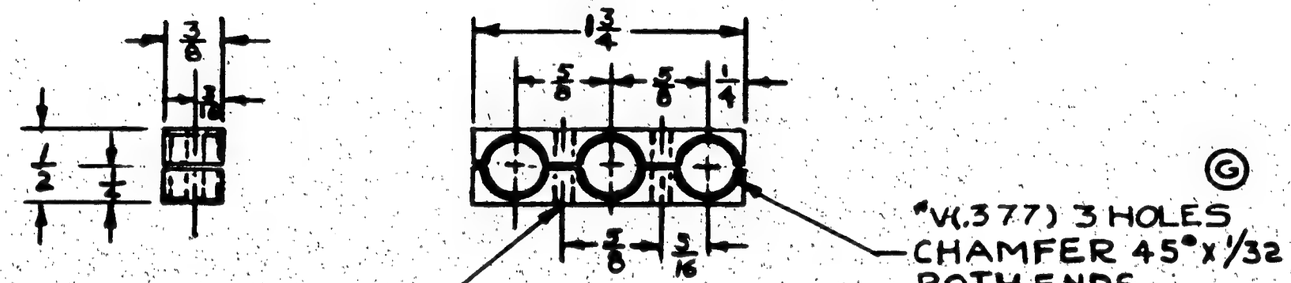
28F1547

[redacted]

HOUGHTON-GREENHOW CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

LET	ALTERATION	DATE	BY
F	TRACED NO WT.CHG.	8-7-43	FINK
G	ADDED PRINTING LINE. NOTE: "V(.377)"		
	3 HOLES CHAMFER 45°x 1/32 BOTH		
	ENDS "WAS "DRILL "V(.368)"		
	CHAMFER 45°x1/32 BOTHENDS		
	- 3 HOLES" - IN MATS "MADE FROM		
	2 PCS ETC" WAS "MAYBE MADE		
	FROM 2PCS ETC" IN S/M "NOTED"		
	WAS "1/4 x 3/8 x 1 7/8 AL ALLOY 46A9		
	COND T." NO WT.CHG	10-7-43	CARTHY

28F1579



MAKE FROM ©
2 PCS. OF 1/4 x 3/8 x 1 7/8 AL. ALLOY 24 ST., 46 A9-COND.T, BAR STOCK, CLAMPED TOGETHER & DRILLED AS SHOWN. (SHEET STOCK MAY BE USED IF BAR STOCK IS NOT AVAILABLE).

NOA(S)464
MCR#247

C.91876 #31 for
C.91876 #1 TO 30

C.88476 ONLY

	PBY-5A	28F1716	16
	PB2Y-3	28F1104	1
	PB2Y-3	28E3284	2
	28-5AMN	28F [illegible]	13
	28-5MCK/ANC	28F [illegible]	7 EA
	28-5[illegible]	28F [illegible]	7 EA
	PBY-5	28F [illegible]	13
	PBY-5	28F [illegible]	13
	PBY-5A	28F [illegible]	16
	PBY-5A	28F [illegible]	13
	PBY-1	28F [illegible]	
ASSY. BASED ON	MODEL	NEXT ASSY.	QTY.

REQUIREMENTS PER AIRPLANE

REPLACES 28F1579 4-22-43 — .017 CALC WT.

REPLACED BY — ACT. WT.

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32 — SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	NOTED	NOTED	NOTED										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		WRITTEN	JS		MILLED R
NAVY NONE	ZP-2GP	10-21-36	12-1-36		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG

NAME BRACKET - FURNS, GYROPILOT - 3 3/8 TUBES.

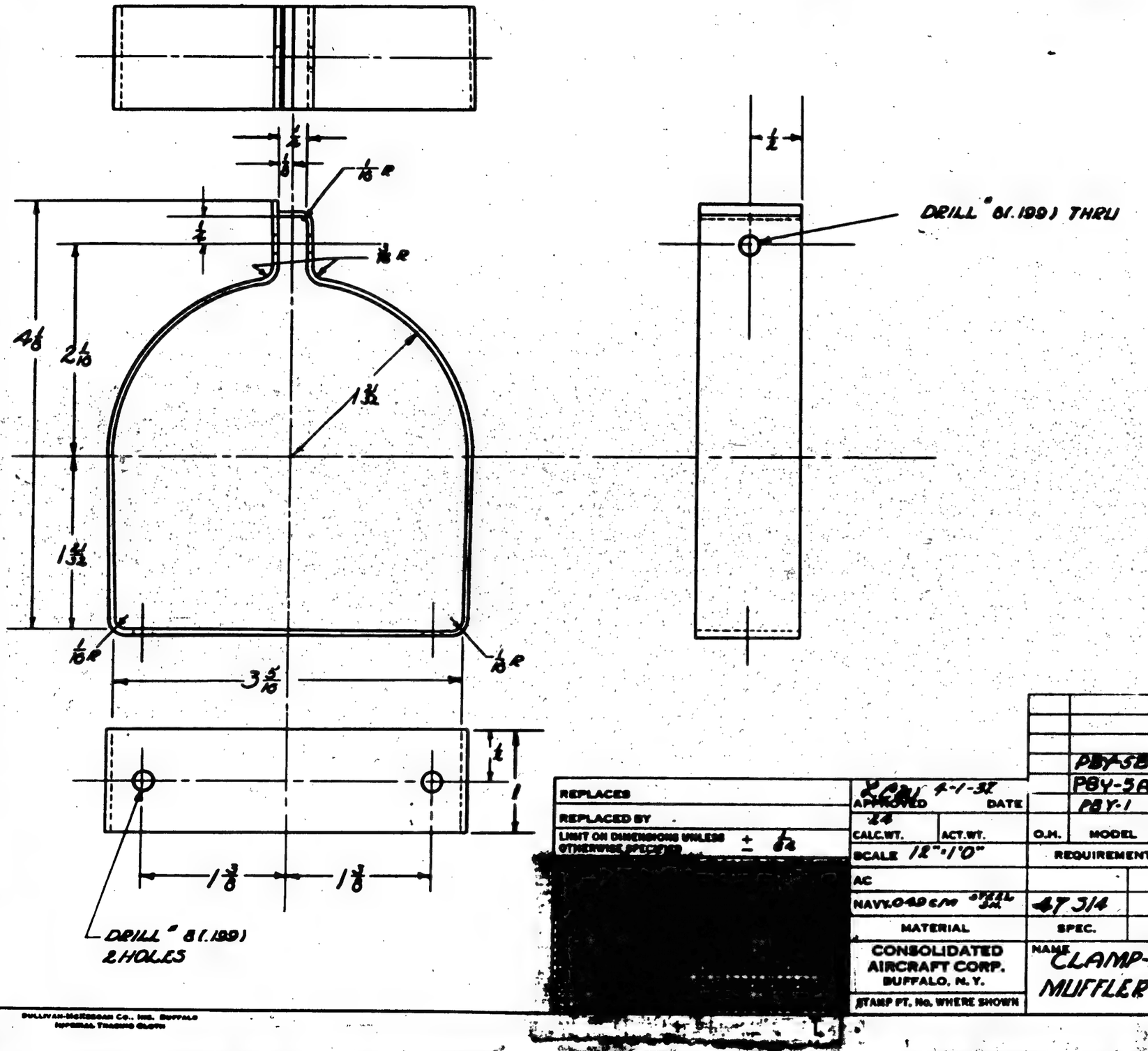
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE — 28F1579

R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	4-1-37	R.M.



	PBY-5B	28F4040	1								
	PBY-5A	28F6047	1								
	PBY-1	28F1100									
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.						
				C							
SPEC.	HEAT TREAT			FINISH	DRAFT	CHECK	EXAM.	ENG.			
47 J14	—				4-1-37						

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED DATE 4-1-37

CALC.WT. ACT.WT.

SCALE 12"-1'0"

AC

NAVY 0429 C/M STEEL SAE

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME CLAMP-FURN-AUX. POWER UNIT MUFFLER - SUPPORT

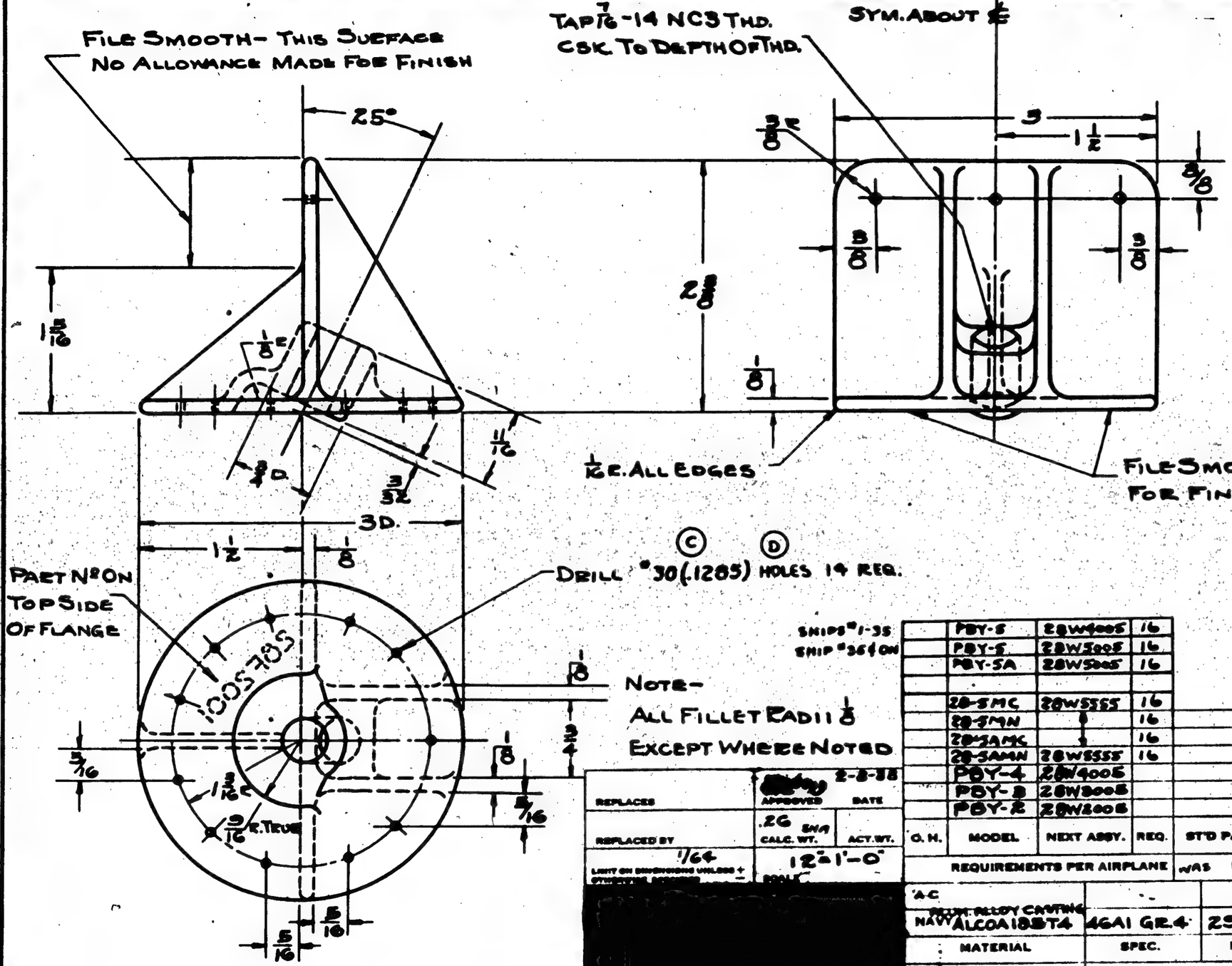
OPP. HAND

SIZE B

DWG. 28F1596

SULLIVAN-MORGEDAL CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

LET	ALTERATION	DATE	BY
B	TRACED	2/18/38	[illegible]
C	#30 DR. WAS 1/16	12-5-41	[illegible]
D	DRILL #30 (.1285) HOLES 14 REQ WAS		
	DRILL #30 (.1285) PILOT HOLES 14 REQ. NO		
	WT. CHG.	9-14-42	[illegible]



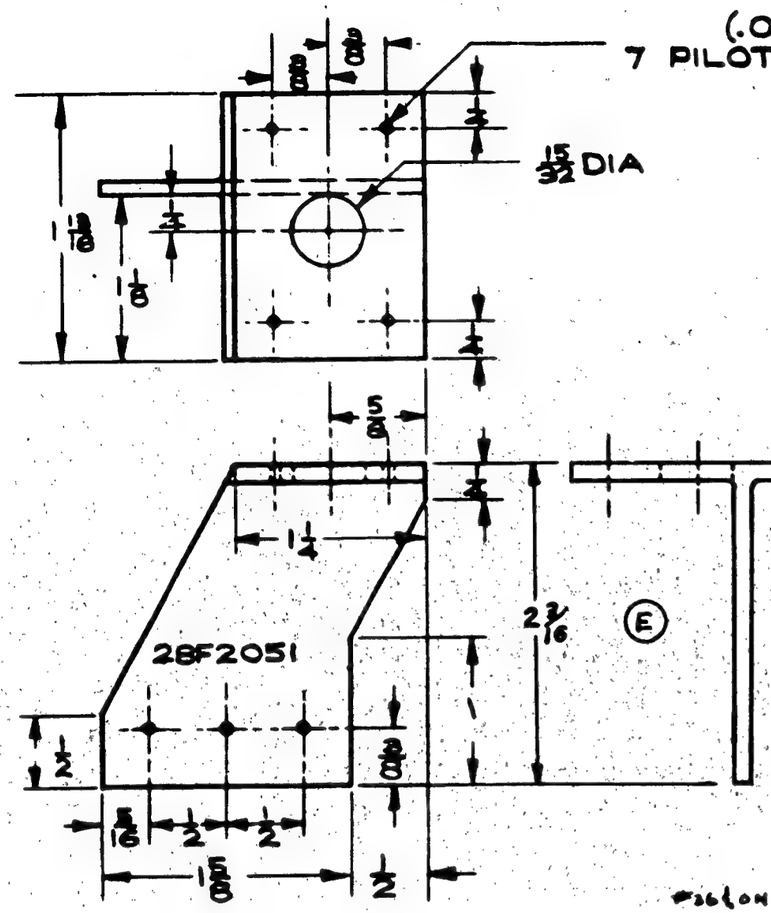
Ⓒ Ⓓ

SHIPS #1-35
SHIP #36 ON

NOTE-
ALL FILLET RADII 1/8
EXCEPT WHERE NOTED

| | | |

LET	ALTERATION	DATE	BY
D	REDRAWN TO SHOW LEFT HAND PART INSTEAD OF A RIGHT HAND PART NO WT. CHG.	5/4/43	[illegible]
E	CHANGED END VIEW TO AGREE WITH TOP & SIDE VIEWS. NO. WT. CHG.	8-5-43	[illegible]



#36 ON #1 TO 35

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

R&L	28-5AMC	28W5355	2 EA
R&L	28-5MN	28W5355	2 EA
R&L	28-5MC	28W5356	2 EA
R&L	28-5AMN	28W5355	2 EA
R&L	PBY-5A	28W5005	2 EA
R&L	PBY-5	28W5005	2 EA
R&L	PBY-5	28W4005	2 EA

ASSY. DASH NO	MODEL	NEXT ASSY.	USED

REQUIREMENTS PER AIRPLANE

REPLACES 28F2051 10/10/36 — .09 CALC. WT.

REPLACED BY — ACT. WT.

LIMIT ON DECIMALS UNLESS OTHERWISE SPECIFIED ± 1/64 — SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	K1407	ALCLAD	QQ-A-354-T										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		Mfr. Drawing	LINES NG	-	GREEN	
NAVY	Z-P	10-10-36	10-17-36		10/31/36	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	APPROV	ENG.

NAME FITTING-BOMB HOIST (M-3) REAR MOUNT

OPP. HAND 28F2051-R

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

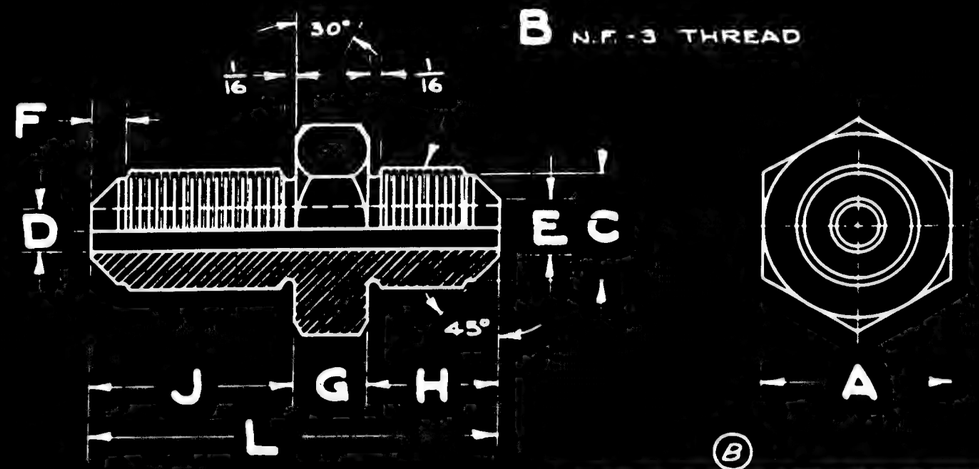
DWG. B 28F2051 SIZE

28F2051

R

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	1-20-38	Don Wheat
E.C R41986 B	'F' DIM. FOR -3" 9/64" WAS 7/64 WT. CHG. NEG.	6-5-42	EMC



C 70496, C 7713 & C 88476 ⇒ 1 To 52

(B)

PART No.	O.D. OF TUBE	A	B	C	D	E	F	G	H	J	L	CALC. WT.
-2	1/8	5/8	5/16-24	7/32	5/64	1/32	5/64	3/16	3/8	3/4	1 5/16	.012
-3	3/16	5/8	3/8-24	9/32	1/8	3/64	3/64	7/32	7/16	13/16	1 11/32	.014
-4	1/4	3/4	7/16-20	23/64	11/64	3/16	1/8	1/4	1/2	7/8	1 3/8	.025
-5	5/16	3/4	1/2-20	27/64	7/32	1/4	5/32	9/32	9/16	15/16	1 25/32	.027
-6	3/8	7/8	9/16-18	31/64	9/32	5/16	5/32	5/16	5/8	1	1 15/16	.048
-7	7/16	7/8	5/8-18	35/64	11/32	3/8	5/32	11/32	11/16	1 1/16	2 3/32	.056
-8	1/2	1	3/4-16	39/64	13/32	7/16	1/4	3/8	3/4	1 1/8	2 1/4	.063
-10	5/8	1 1/8	7/8-14	3/4	1/2	17/32	5/32	5/8	7/8	1 1/4	2 1/2	.08

ASSEMBLY TABLE (REF.)

									PART No.
USE	BA 5945-9	SLEEVE	&	28F2062-2	LOCKNUT				-2
"	"	"	-10	"	&	"	-3	"	-3
"	"	"	-11	"	&	"	-4	"	-4
"	"	"	-12	"	&	"	-5	"	-5
"	"	"	-36	"	&	"	-6	"	-6
"	"	"	-37	"	&	"	-7	"	-7
USE	S.A.E.	TUBE	FITTING	NUT	&	"	-8	"	-8
"	"	"	"	"	¢	"	-10	"	-10

C 88476
C 70496 & C 7713

SEE RELEASE SHT'S

O H	MODEL	NEXT ASSEM	REQ.
-4	PBY-5A	28F2190	2
-3	PBY-5A	28F3076	2
-7	PBY-5A	28F6011	7
-10	PBY-5A	28F2016	4
-10	PBY-5A	28F2016	6
-3	PBY-5A	28F2016	20

CONTR. 70496 —— -7 PBY-5 28F2068 6
PBY-4
PBY-3 } SEE DWG. B/M -PUR.
PBY-2

APPROVED 11-30-36 DATE

NOTED

REPLACES

REPLACED BY

CALC WT | SET WT | O H | MODEL | NEXT ASSY | REQ | STD PARTS | LH RH REQ | PART NO | LH RH REQ | LH RH REQ | LH RH REQ | LH RH REQ | LH RH REQ | LH RH REQ

REQUIREMENTS PER AIRPLANE | PARTS LIST PER ASSY

.010 LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

SCALE

A C

MATERIAL	SPEC	HEAT TREAT	FINISH	DRAFT	CHECK	LEAD	ENG
1/2" ALUM. ALLOY ROD -(HEX)	M-208 COND. T ALLOY 24T	NONE	E	FREEL 10-21-36	RR Hoose 1-30-38	Miller	Carlson R

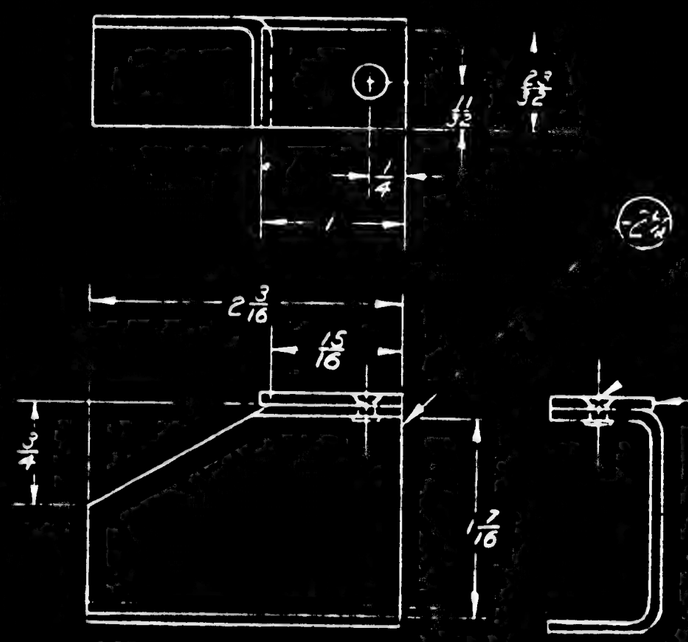
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF. NAME

OPP HAND

COUPLING — FURN. — BULKHEAD — (SPECIAL)

DWG. B 28F2063

SIZE



(2 1/4)

.609 DIA. HOLE
C'T'S'K' 82°, 2.27 DIA
AN-425-D3 (1)

(3) PLATE

-1	PBY-5A	28 WG	CG	1	
-2	PBY-5A	28 WG	CG	1	
-3	PBY-5	28 WG	CG	1	
-4	PBY-5	28 WG	CG	1	
-5	PBY-5	28 WG	CG	1	
-6	PBY-5	28 WG	CG	1	
-7	28 SM-CTMN	3L	1555	EA	
-8-1	28 SM-CTMN	3L	1555	EA	
-9-1	PBY-4	3L	4	EA	
-10-1	PBY-3	3L	3	EA	
-11-1	PBY-2	3L	2	EA	

ASSY DASH NO	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

REPLACES 28F2071 DF 12-24-38 CAL WT

REPLACED BY ACT WT

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED: 1/32 SCALE: 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC	LH REQ	RH REQ	LH REQ	RH REQ
-3	20 x 178 x VH	1L	1L SHT	QQ A-355	1	1	
-4	20 x 150 x 3	BAL AL	SHT	QQ A-355	1		
-5	20 x 276 x 3.5	AL AL	SHT	QQ A-355		1	

PARTS LIST PER ASSY

AC				
NAVY NONE	Z-P-23D			
HEAT TREAT		DRAFT	APPROV	ENG
		11-5-38	11-11-38	L.C.W.
			11-23-38	R

NAME CHANNEL - STA. 9 - MK XLII
BOMB RACK - NUT PLATE SUPT

PT HAND 28F2071-1

DWG B 28F2071

CONSOLIDATED VULTEE AIRCRAFT CORP SAN DIEGO DIVISION SAN DIEGO, CALIF. SIZE

GP - GREEN PRIME

G	TRACED	NO WT. CHG.			

28F2071

LET	ALTERATION	DATE	BY
E	TRACED UP TO DATE	3/9/38	[illegible]
F	31 11/16 WAS 31 3/16, 57 11/16 WAS 57 1/16		
	32 1/16 WAS 32 1/16, 58 3/16 WAS 58	6/20/38	[illegible]
G	REMOVED PAY-L REQ. FOR -2.		
	ADDED -8, -9, & -10	9-21-38	[illegible]
H	288# WAS 250#	11-14-40	[illegible]
J	CHANGED SPEC. TO R.P. WAS W.L.&T.	1-31-41	EDMISTON
K	NOTE REMOVED "STAMP PART NO."	2-20-41	[illegible]

K

L	REVISED SPLICE & SHOWN		
	NAF 310621-B3(2), AN25-10(1),		
	AN320-3(1), AN960-C10(1) ANDUCED(1)		
	SCOTT. F FOR C, -14-11,-12 FOR		
	-9,-5,-8, ADDED -13. AN435-3-10		
	WAS AN435-3, REMOVED REF. TO P.N.		
M	IN NOTE #2 "ONE" WAS "288"	6-5-40	[illegible]

EO 22607A

EDC. 15439

PART Nº	DASH Nº E	DASH Nº D	A	B	CAL. WT.
-2 L.H.	-14	-6	31 11/16	57 11/16	.27
-3 R.H.	-11	-7	32 1/16	58 1/16	.27
-10 R.H.	-12	-9	32 3/16	58 3/16	

F G

STAMP APPROX. 1/16 HIGH

D

Q6342-3L SLEEVE

35A

L

E

Q6342-3L SLEEVE

35A

L AN23-10 BOLT
AN320-3 NUT
AN960-C10 WASHER
AN380C2-2 COTTER

AN435-3-10

Q6411-3 (OR28F2089)

13

L N.A.F. 310621-B3

Q6410-3 (OR28F2087)

Q6412-3 (OR28F2088)

Q6413-3 (OR28F2086)

A

9

B

NOTES-

1. ALL CABLES TO BE 3/32 DIA. 7×7 STL. (PREFORMED) SPEC. 22C2
2. PRESTRETCH CABLES TO 442# M
3. CABLES TO BE COATED WITH R.P.
4. SPLICE AS PER SPEC. NAF P3-2
5. SWAGE IN ACCORDANCE WITH SPEC. T-460. AS APPLICABLE

STAMP CODE (35A)
APPROX. 1/8 HIGH

RP - RUST PREVENTATIVE

-8 / -10	MODEL (-2 & -3)	MODEL (-8 & -10)	NEXT ASSY.	REQ.
-10	PBY-4	28A2010		
-2	PBY-4	28A2010		
-3	PBY-3	28A2010		
-2	PBY-3	28A2010		
-3	PBY-2	28A2010		
-2	PBY-2	28A2010		

L	MATERIALS	REQ.
	AN960-C10	1
	AN320-3	1
	AN23-10	1
	AN435-3-10	1
	Q6413-3	1
	Q6412-3	1
	Q6411-3	1
	Q6410-3	1
	Q6342-3L	2

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
							-12				1						
							-9				1						
							L -11			1							
							-7		1	1							
							-6	1									
							L -14	1									
							L -13	1		1		1					

REQUIREMENTS PER AIRPLANE — W4 S MAT. — PARTS LIST PER ASSY. — -2 — -3 — -10

REPLACES	APPROVED	DATE
	RAW	2/9/38
REPLACED BY	NOTED 2WA CALC. WT.	ACT. WT.
LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED: 1/8	12=1'-0" SCALE	

A C					
NAVY NOTED	NOTED	NONE	NOTED		
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK / EXAM. / ENG.
				4/9/36 Jennings	4/29/36 Rogers / Miller G / E

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME: CABLE ASSEM.-ARM'T MK 35-ARMING

OPP. HAND

DWG. B SIZE — 28F2091

PRINTED ON [illegible]

PART NO	DASH NO. C	DASH NO. D	A	B	CODE	USED	WT.
-26		-36		45 5/16	35 I.D.	35 Rel. Inner L.H.	
-27		-37		44 7/16	35 I.D.	35 Rel. Inner R.H.	
-28		-38		71 1/4	35 O.B.	35 Rel. Outer L.H.	
-29		-39		70 1/2	35 O.B.	35 Rel. Outer R.H.	
-31	-41		51 1/16		42A	42 ARM R.H.	

PART NO	DASH NO. C	DASH NO. D	A	B	CODE	USED	WT.
-92		-96		45 5/16	35 I.D.	35 Rel. Inner L.H.	
-93		-97		44 7/16	35 I.D.	35 Rel. Inner R.H.	
-94		-98		71 1/4	35 O.B.	35 Rel. Outer L.H.	
-95		-99		70 1/2	35 O.B.	35 Rel. Outer R.H.	

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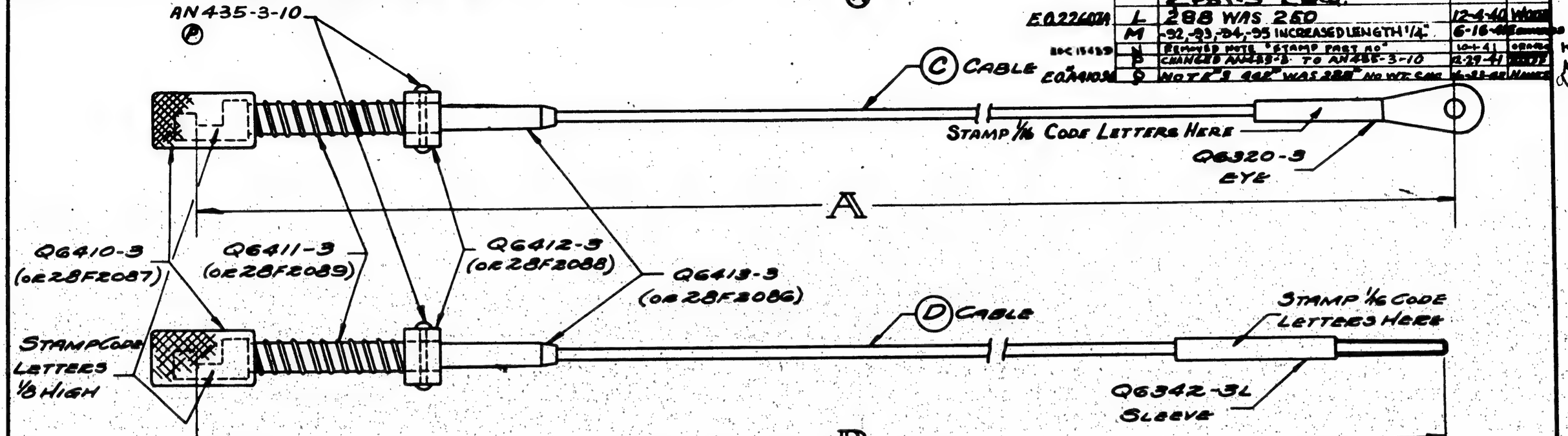
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
G	TRACED UP TO DATE	3/10/38	[illegible]
H	ADDED TABLE AT UPPER LEFT	9-21-39	[illegible]
J	ADDED TABLE AT UPPER RIGHT & PBY-5 REQ.	2-6-40	[illegible]
L	288 WAS 250	12-4-40	[illegible]
M	-92,-93,-94,-95 INCREASED LENGTH 1/4".	6-16-41	[illegible]
N	REVISED NOTE "STAMP PART NO"	10-1-41	[illegible]
P	CHANGED ANGLE B TO AN435-3-10	2-19-41	[illegible]
Q	NOTE "2 492" WAS 288" No WT. CHG	4-21-42	[illegible]

EO 22600A
BOC 15439



▲ PBY-5 NOS. 2288-2298 INCL.

▲▲ PBY-5 NOS. 2299-2488 INCL. AS PER CONTRACT CHANGE "B"

NOTES:
1. SWAGE IN ACCORDANCE WITH SPEC. T-46 AS APPLICABLE
2. ALL CABLES TO BE 1/32 DIA. 7X7 STL. (PREFORMED) SPEC. 22C2
3. PRESTRETCH CABLES TO 442 LBS. Ⓛ Ⓠ
4. CABLES TO BE BOILED IN LINSEED OIL, THEN COATED WITH 50% WHITE LEAD & TALLOW SOLUTION

USE ONE EA. ON PARTS "D"
USE ONE EA. ON ALL PARTS "C"

ON EACH CABLE ASSY. USE ONE EA. OF THESE PARTS

PART NO	DASH NO. C	DASH NO. D	A	B	CODE	USED	WT.
-2	-12		104 1/2		42E	42 Rel. Inner L.H.	23
-3	-13		103 11/16		42E	42 Rel. Inner R.H.	23
-4	-14		50 7/16		42F	42 Rel. Front L.H.	23
-5	-15		49		42F	42 Rel. Front R.H.	23
-6		-16		45 1/16	35 I.D.	35 Rel. Inner L.H.	22
-7		-17		44 5/16	35 I.D.	35 Rel. Inner R.H.	21
-8		-18		70 7/8	35 O.B.	35 Rel. Outer L.H.	25
-9		-19		70 1/2	35 O.B.	35 Rel. Outer R.H.	25
-10	-20		49 3/4		42A	42 ARM L.H.	23
-11	-21		50 1/8		42A	42 ARM R.H.	23

	PART NO	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PBY-5A	SEE R.M.		AN435-3-10											
	SEE RELEASES			Q6413-3											
▲▲	PBY-5	28A2010		Q6412-3			INCL. TO -99	SEE							
▲	PBY-5	28A2010		Q6411-3			28F2092-2	TAB							
	PBY-4	28A2010		Q6410-3											
	PBY-3	28A2010		Q6342-3L											
	PBY-2	28A2010		Q6320-3											

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES	APPROVED	DATE
	R.L.W.	2/24/38
REPLACED BY	CALC. WT.	ACT. WT.

1/8 LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED

12" = 1'-0" SCALE

				DRAFT	CHECK	EXAM.	ENG.
A B				4/9/36	4/28/36	MILLER	
NAVY NOTED	NOTED	NONE	NOTED	[illegible]	LIVERS	G	E
MATERIAL	SPEC.	HEAT TREAT	FINISH				

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

NAME CABLE ASSEM. - ARM'T - MK 42 ARMING & RELEASE - MK 35 RELEASE - IN'BD & OUTBD

OPP. HAND

DWG. B SIZE

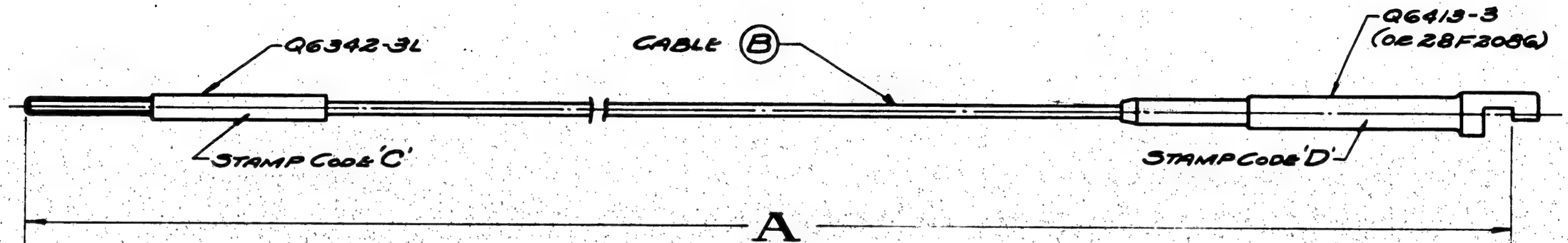
28F2092

PRINTED BY "BLUEPRINT" TRACING CLOTH C.A.C. SAN DIEGO, U.S.A.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
G	TRACED UP TO DATE	2/3/38	C.K.P.
H	288 WAS 250	12-4-40	WOOD
J	REMOVED NOTE "STAMP PART NO"	10-1-41	DRAVO
K	C.N.O.'D NOTE #3 "288"-TO "AE"		
	NO NT. CHG.	6-9-42	ARMSTRONG

E.O. 22607A
EDC 15439
FA 441806

K



NOTES—

1. ALL CABLES TO BE 3/32 DIA. 7×7 STL. (PREFORMED) SPEC. 22C2
2. STAMP CODE MARKING LETTERS APPROX. 1/16 HIGH
3. PRESTRETCH CABLES TO 442 LBS. (H) (K)
4. CABLES TO BE BOILED IN LINSEED OIL THEN COATED WITH 30% WHITE LEAD AND TALLOW SOLUTION
5. SWAGE IN ACCORDANCE WITH SPEC. T-466 AS APPLICABLE

PART NO.	DIM. A	DASH B	CODE C	CODE D	USED	CAL. WT.
28F2093-2	188 1/16	-5	2910-42C	3510-42C	3S WING OR 42 FUSE LH & RH	.35
-3	209 11/16	-6	29A-42A	35A-42A	3S ARM OR 42 " LH & RH	.37
-4	187 7/16	-7	2900-42F	3500-42F	3S OUTBD OR 42 FRONT LH & RH	.35
-8	165 13/16	-9	2900-42F	3500-42F	" " " "	.32

PRINTED ON "IMPERIAL" TRACING CLOTH

REPLACES

REPLACED BY

1/8 LIGHT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED

RLW APPROVED 2/3/38 DATE

NOTED 3NA CALC. WT. ACT. WT.

12"=1'-0" SCALE

	PART NO.	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
O. H.	MODEL														
[illegible]	[illegible]	28A2010	EA												
[illegible]	PBY-4	28A2010													
[illegible]	PBY-3	28A2010					-9	1							
4	PBY-2	28A2010					-7	1							
3	PBY-2	28A2010		Q6413-3	1		-6	1							
2	PBY-2	28A2010		Q6342-3L	1		28F2093-5	1							

REQUIREMENTS PER AIRPLANE — WAS MAT. — PARTS LIST PER ASSY.

A C				1/10/38	1/24/38	MILLER	G
NAVY NOTED	NOTED	NONE	NOTED	STRAIGHT	LIVERS	G	R
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

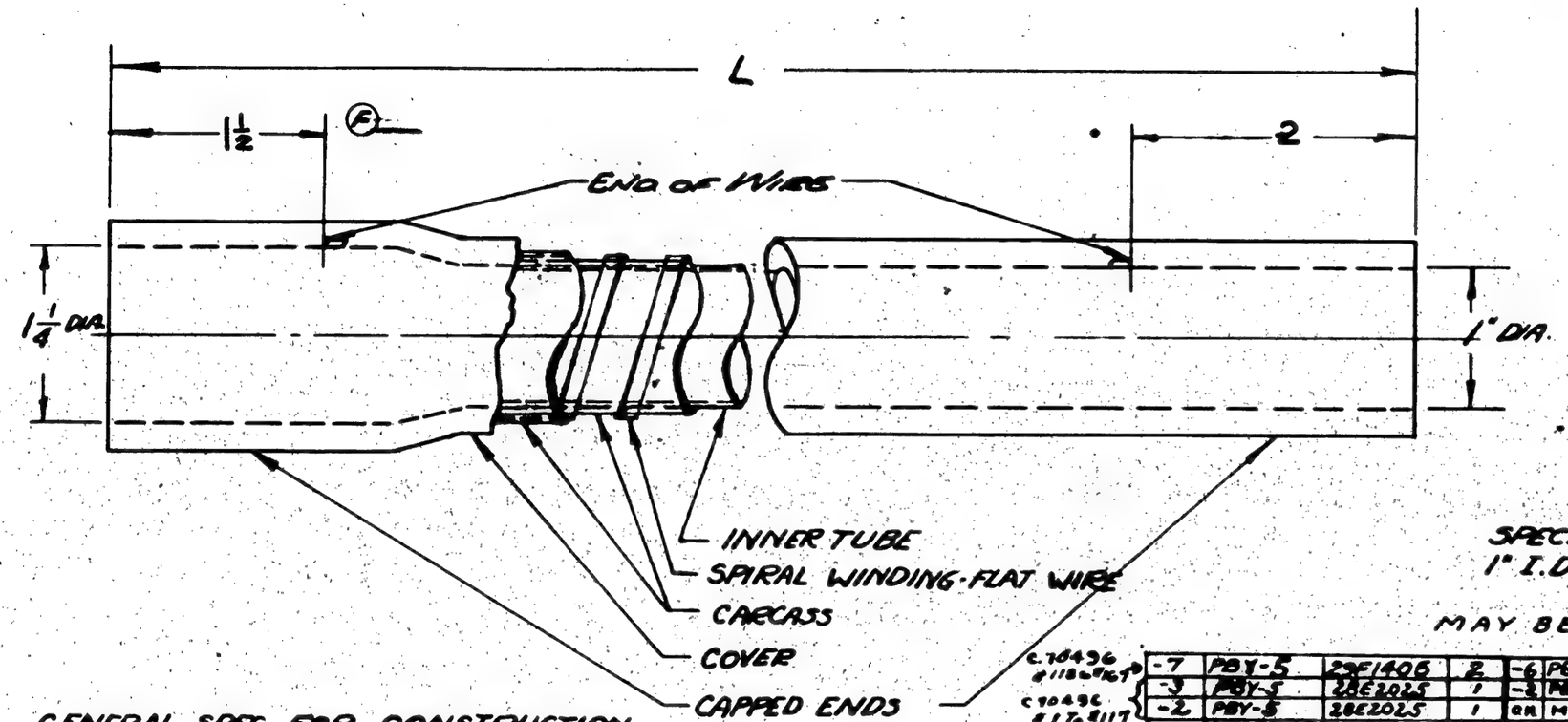
NAME CABLE ASSEM.-ARM'T-BOMB CONT.-FRONT SPAR

OPP. HAND

DWG. B SIZE

28F2093

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	2-2-38	RKH
D	ADDED -6 HOSE	7-30-39	
E	RELOCATED WIRE WINDING - WAS BETWEEN INNER TUBE & CARCASS.	1-31-40	NESS
F	WIRE END'S WAS AT 2"	3-1-40	Wilcox
G	ADDED -7 HOSE & PBY-2 REQ.	4-17-40	Tinker
H	28F6097 NEXT ASSY REQ. -2 & -6 FOR PBY-5A WAS 29F6047 NO WT. CHG.	5-20-43	Wright



DASH NO	"L"	CALC. WT.	ACT. WT.	
-2	60 FT.	24.0		
-3	1½ FT.	.6		
-4	10 FT.	4.0		
-5	6 FT.	2.4		
-6	3½ FT.	1.4		
-7	12 FT.	4.8		

G

SPEC. COMM.
1" I.D. NON-COLLAPSIBLE HOSE.

MAY BE PURCHASED FROM GATES RUBBER CO. LOS ANGELES, CALIF.

GENERAL SPEC FOR CONSTRUCTION.

1. RUBBER INNER TUBE - SMOOTH & COMPOUNDED FOR SERVICE IN SALT WATER.
2. SPIRAL WINDING $\frac{1}{8} \times \frac{1}{32}$ - $\frac{1}{8}$" PITCH FLAT GALV. WIRE.
3. CARCASS - TWO PLIES - STRONG COTTON SHEETING IMPREGNATED WITH RUBBER
4. COVER - GUM RUBBER-ABRASION RESISTANT.
5. ENDS - RUBBER CAPPED & REINFORCED WITH EXTRA PLY OF FABRIC - WALL THICKNESS APPROX. $\frac{3}{16}$.

REPLACES	APPROVED	DATE
	K.C.W.	2-2-38
REPLACED BY	CALC. WT. NOTED	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±	SCALE 12" = 1'-0"	

[redacted]

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-7	PBY-5	29F1405	2	-6	PBY-5A	28F6047	1								
-3	PBY-5	28E2025	1	-3	PBY-5A	28F6047	1								
-2	PBY-5	28E2025	1	OH	MODEL	NEXT ASSEM	REQ								
-6	XPBY-5	28E4057													
-3	PBY-4	28E2025													
-2	PBY-4	28E2025													
-3	PBY-3	28E2025													
-2	PBY-3	28E2025					-6	1							
-5	XPBZY-1						-5	1							
-4	XPBZY-1						-4	1							
-3	PBY-2	28E2025					-3	1							
-2	PBY-2	28E2025					28F2095-2	1							
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.										

A C				NO-36		Conant	
NAVY NOTED	NOTED	—	—	Revised		H.W.H	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

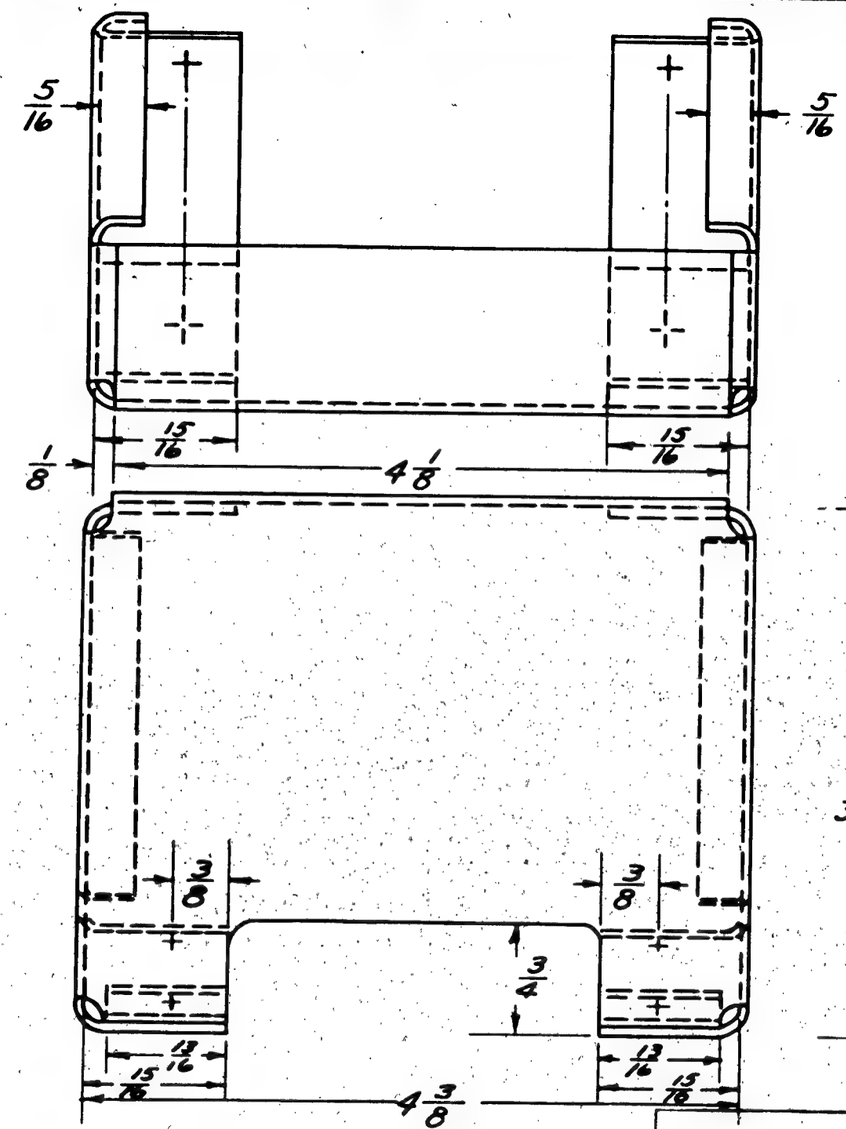
NAME HOSE - F - BILGE PUMP AUX. POWER UNIT

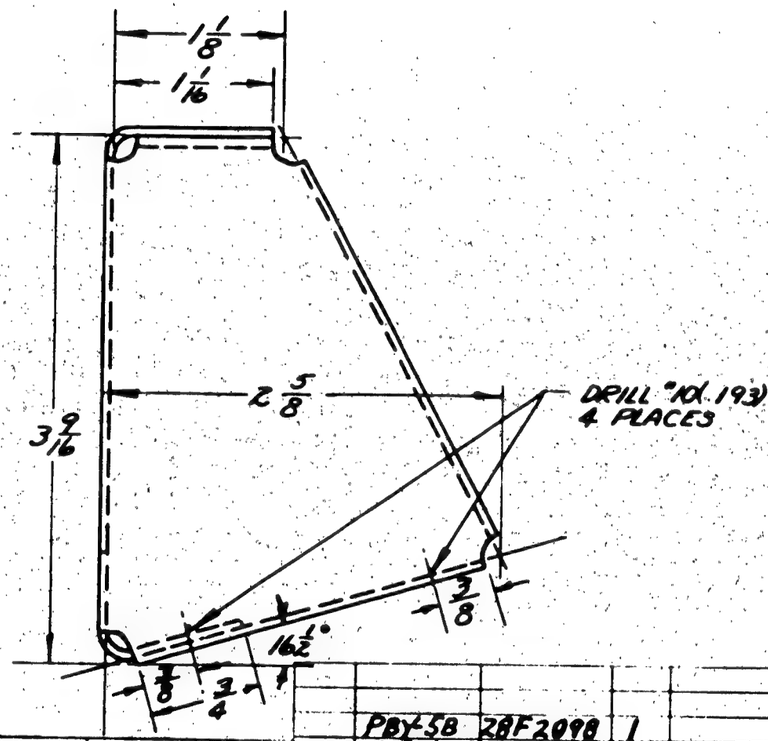
OPP. HAND

DWG. SIZE B

28F2095

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	2-2-38	RRH





NOTE:
ALL BENDS 1/8 R

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIME

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PBY-5B	28F2098	1												
	PBY-4	28F2098													
	PBY-3	28F2098													
	PBY-2	28F2098													

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES	APPROVED	DATE
	R.A.M.	8-2-38
REPLACED BY	CALC. WT.	ACT. WT.
	.21	
LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED	SCALE	
1/32	12"=1'-0"	

A C					
NAVY 051 AL ALLOY SH'T -2S3	41MO COND A	3F33 COND T AFTER FORMING	Z-P-2 GP	8-18-38	Osborn
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME: BRACKET-FURN'S-AUX. POWER UNIT SUPPORT -END

OPP. HAND

DWG. B SIZE 28F2099

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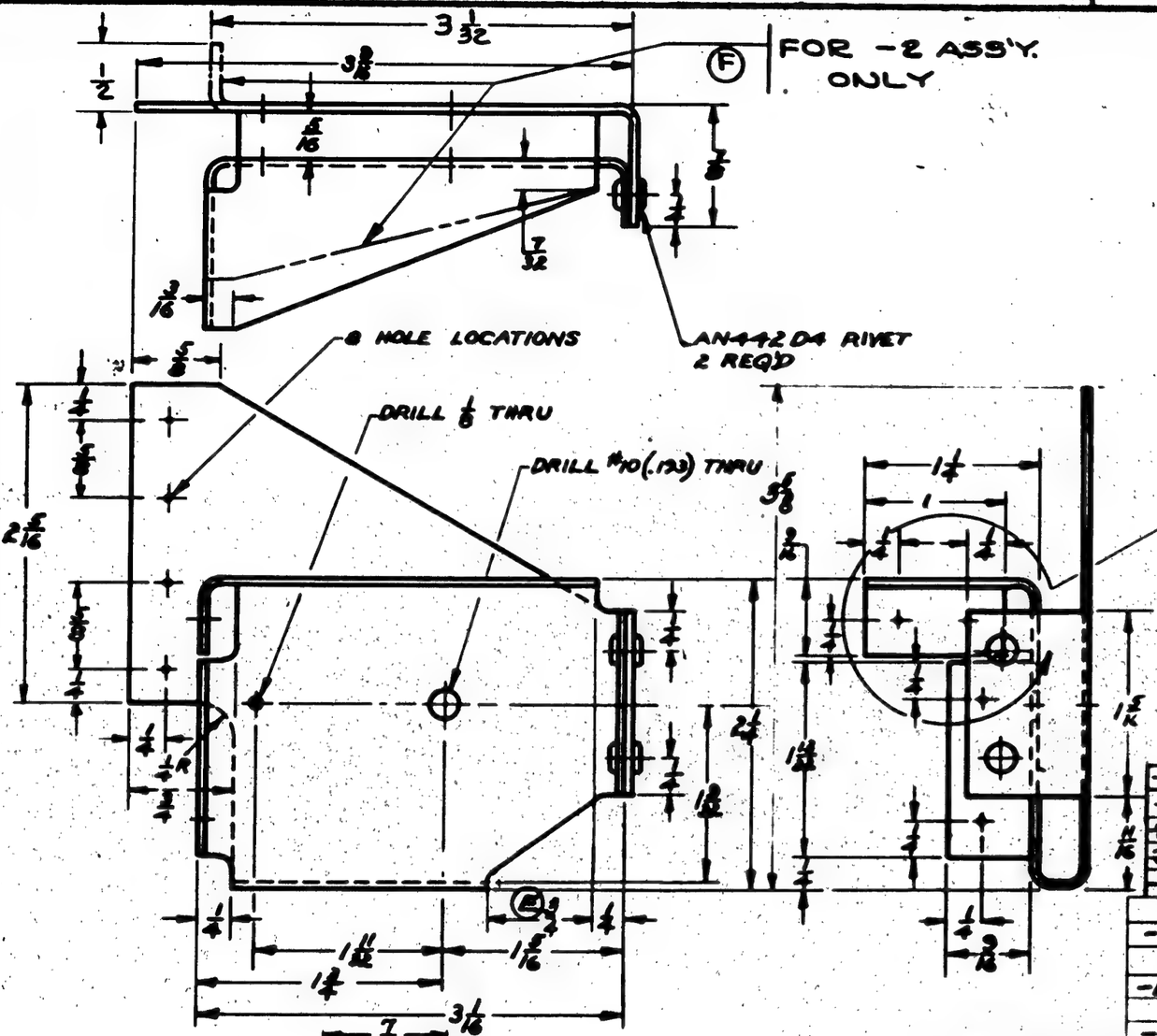

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED	2-3-38	STACY
E	REMOVED PROTRUDING CORNER & ADDED 3/4 DIMENS.	7-10-41	BARNHOUSE
E.O.#A23535 F	CREATED -2 ASS'Y. (WT. CHG. NEG.)	3-18-42	DRAWEE MAN

NOTE:- ALL BEND RADII 1/16
ALL RELIEF RADII 3/32

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-R	PBY-5A	28F2110	1				C77713 #1-22										
-L	PBY-5A	28R2110	1														
2R	PBY-5A	28F2110	1				C77713 #23 & ON										
2L	PBY-5A	28F2110	1														
-1	PBY-5A	28F2110-1	1														
	PBY-5A	28F2110-	1														
-1	PBY-5	28F2110-1	1														
	PBY-5	28F2110	1														
-1	PBY-4	28F2110-1															
	PBY-4	28F2110															
-1	PBY-3	28F2110-1															
	PBY-3	28F2110															
-1	PBY-2	28F2110-1															
	PBY-2	28F2110		AN442D4	2	2											

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

FINISH CODE	
Z	[redacted]
F	
AF	
C	

REPLACES	APPROVED [redacted] DATE 11-24-36
REPLACED BY	CALC. WT. .11 SHA. ACT. WT.
LIMIT ON DIMENSIONS UNLESS + TOLERANCE ASSIGNED	SCALE 12 "=1'-0"

A C				Knoepler	Bailey	Miller	
NAVY .051 AL. ALLOY 2450	4TA10	SR-53 COND.T	Z-P-27	9-12-36	9-15-36	G	R
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO WHERE SHOWN

NAME HOUSING - ARMAMENT - PILOT'S EM'GENCY BOMB RELEASE PULLEY

OPP. HAND 28F2109-1

DWG. B SIZE 28F2109

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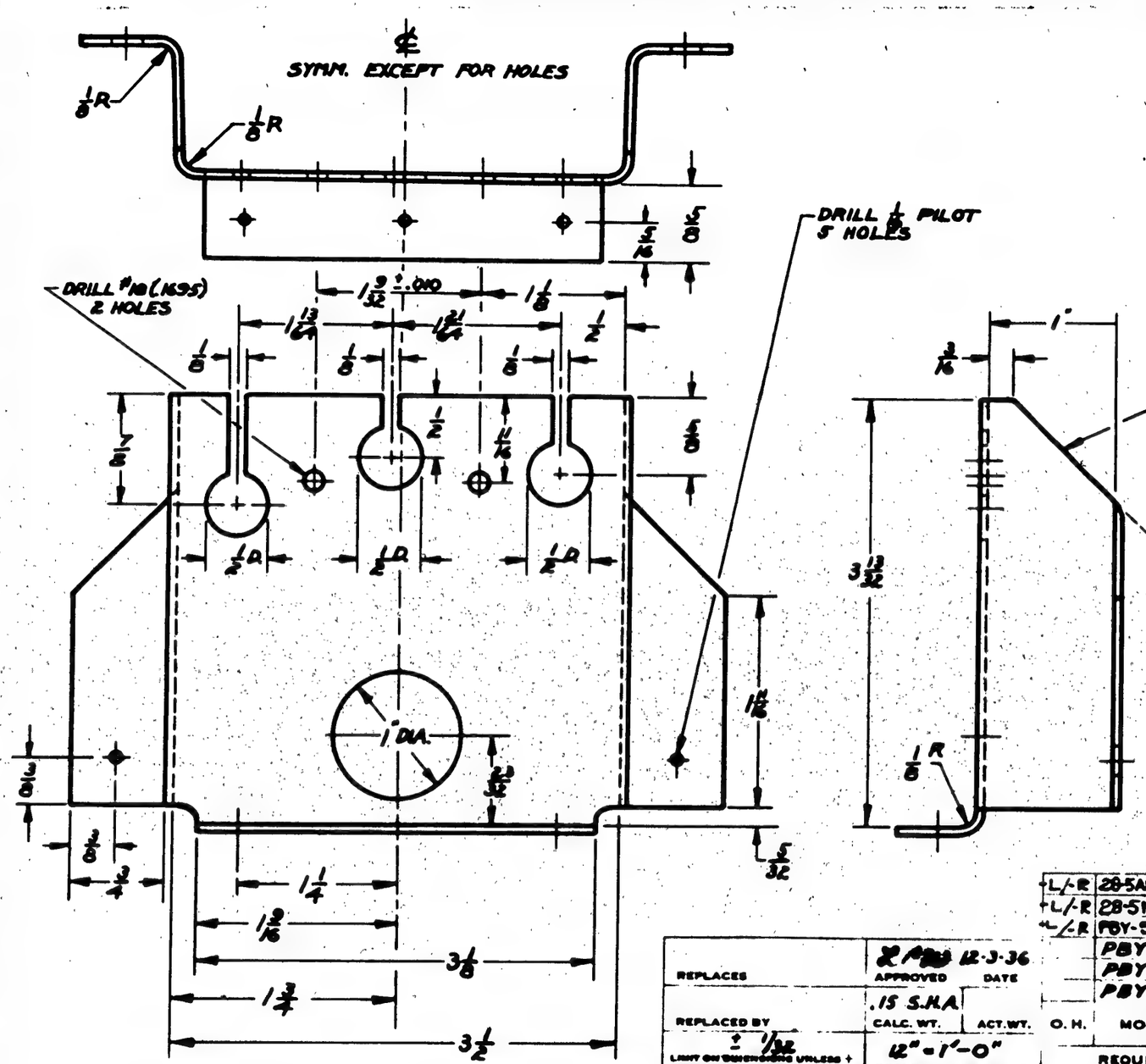
B & B Co., N. Y.



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED	2-10-38	Stacy
E	CHANGED MAT'L FROM 24ST TO .		
	2430 NO WT CHG.	3-18-42	ZIBELL

G.P.-GREEN PRIME FINISH

L/R	28-5MC(MN)	28A2010	1 EA.																		
L/R	28-5MC(MN)	28A2010	1 EA.																		
L/R	PBY-5A-5A	28A2010	1 EA.																		
	PBY-4	28A2010																			
	PBY-3	28A2010																			
	PBY-2	28A2010																			
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.				
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.																

REPLACES	APPROVED	DATE	
REPLACED BY	.15 S.H.A. CALC. WT.	ACT. WT.	
LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED ± 1/32	12" = 1'-0" SCALE		

AC

NAVY .064 AL ALLOY 2450 H140 CONDA" SR53 Z-P-G-P

MATERIAL	SPEC.	HEAT TREAT	FINISH

	DRAFT	CHECK	EXAM.	ENG.
	11-25-36	11-30-36		G
	BARTON	LINDES	MILLER	R

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME BRACKET - ARMAMENT DISCONNECTOR FAIRLEAD

OPP. HAND 28F2112-1

DWG. B SIZE 28F2112

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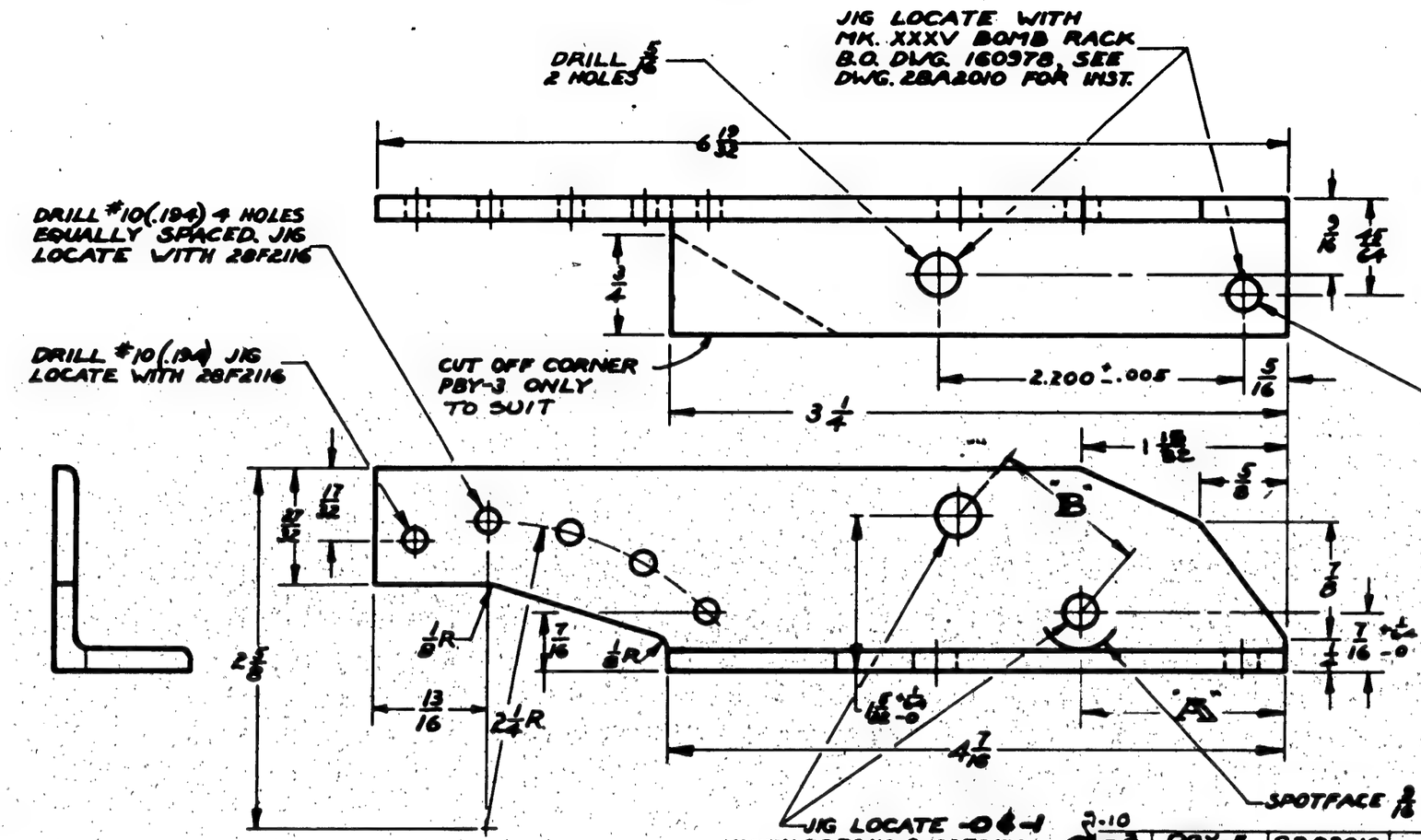
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
E	TRACED	2-3-38	STACY
F	ADDED TABULATION	11-28-39	WOOD
G	ADDED -2 & -3	11-28-39	WOOD
H	ADDED NOTE	11-28-39	WOOD
J	IN 9/M, REPLACED "4743" WITH "NOTE"		
	ON FACE OF DWG. REMOVED "NOTE:-		
	MAKE FROM EXT. SEC. K734GG AL.		
	ALLOY 24ST COND. T (1½ x 11/16)." ADDED		
	MAT'L. NOTE:		
	NO WT. CHG.	9-17-43	DOBLE



(H) NOTE FOR SERVICE CHANGE ONLY ~
IF NEW PULLEY #28A5074 IS TO BE INSTALLED, PARTS -0 & -1 ARE TO BE CONVERTED INTO PARTS -2 & -3 RESPECTIVELY BY DRILLING NEW HOLES AS PER TABULATION "A" AND "B".

(J) NOTE.
MATERIAL MAY BE:
(A) 734GG, 24ST AL. ALLOY EXTR., SPEC. QQ-A-354 COND. T, OR
(B) 734GG, 14ST AL. ALLOY EXTR., SPEC. AN-A-8 COND. T.

(F)

PART NO.	DIM. "A"	DIM. "B"
-0	1 15/32	1 5/32
-1	1 15/32	1 5/32
-2	31/32	2 5/32
-3	31/32	2 5/32

JIG LOCATE -0 & -1 WITH 28F2116 & 28F2102.
JIG LOCATE -2 & -3 WITH 28F2116-2 & 28A5075

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-3	PBY-5	28A2010															
-2	PBY-5	28A2010															
-1	PBY-4	28A2010															
-1	PBY-4	28A2010															
-1	PBY-3	28A2010															
	PBY-3	28A2010															
-1	PBY-2	28A2010															
	PBY-2	28A2010															

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES | [redacted] 12-3-36 APPROVED DATE | .18 S.M.A. CALC. WT. | ACT. WT. | 12" = 1'-0" SCALE | ± 1/64 LIMIT ON DIMENSIONS UNLESS + OTHERWISE SPECIFIED —

REPLACED BY

[redacted]

A C								
NAVY NOTED	NOTED	NONE	Z-P-27		Mg'Dsn. LOWERS	MILLER	R	
MATERIAL	SPEC.	HEAT TREAT	FINISH		11-30-36	12-1-36		Q
					*DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF. STAMP PT. NO. WHERE SHOWN

NAME ANGLE - BOMB HOIST ROLLER FORW'D

OPP. HAND 28F2115-1

DWG. B SIZE 28F2115

28F2115

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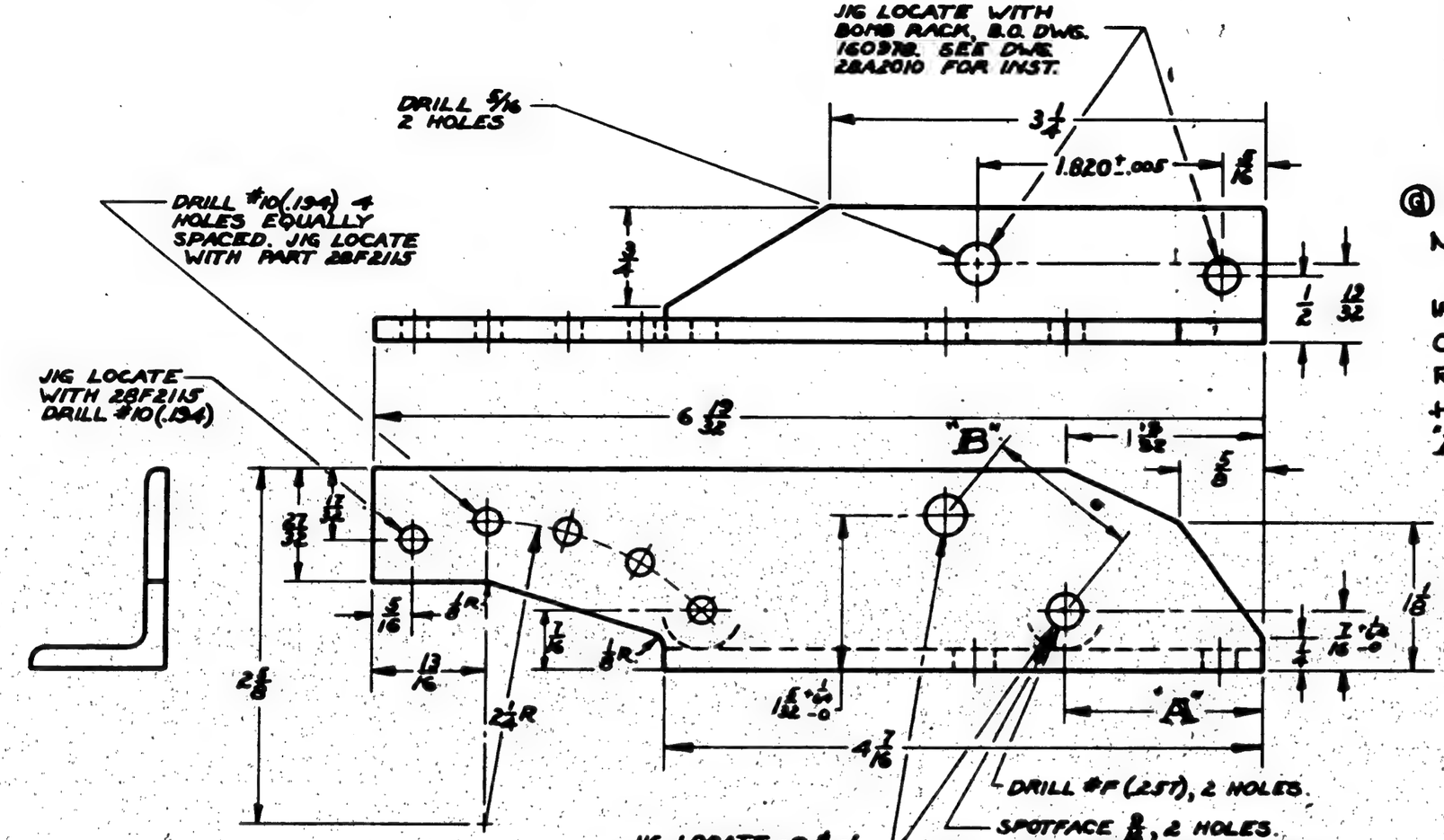
K



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED	2-9-38	Stacy
E	ADDED TABULATION	11-27-39	George
F	ADDED -2 AND -3	11-27-39	George
G	ADDED NOTE	11-27-39	George
H	IN B/M, REPLACED "46A8", WITH "MITED". ON FACE OF DWG. REMOVED "NOTES: MAKE FROM EXT. SEC. K 7346G AL. ALLOY, 24ST COND. T (1 1/2 x 1 1/2 x 3/32)". ADDED MAT'L. NOTE: SEE B/M (NO WT. CHG)	9-17-43	NICOLAI

(G) NOTE FOR SERVICE CHANGE ONLY ~ IF NEW PULLEY #28A5074 IS TO BE INSTALLED, PARTS -0 & -1 ARE TO BE CONVERTED INTO PARTS -2 & -3 RESPECTIVELY BY DRILLING NEW HOLES AS PER TABULATION "A" AND "B".

(H) NOTE:
MATERIAL MAY BE:
(A) 7346G, 24ST AL. ALLOY EXTR., SPEC. QQ-A-354 COND. T, OR
(B) 7346G, 14ST AL. ALLOY EXTR., SPEC. AN-A-8 COND. T.

(E)

PART NO.	DIM. "A"	DIM. "B"
-0	1 13/32	1 5/32
-1	1 13/32	1 5/32
-2	3/32	2 5/32
-3	3/32	2 5/32

(F) THIS

-2	PBY-3	28A2010																			
-3	PBY-1	28A2010																			
-1	PBY-4	28A2010																			
	PBY-4	28A2010																			
-1	PBY-3	28A2010																			
	PBY-3	28A2010																			
-1	PBY-2	28A2010																			
	PBY-2	28A2010																			
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.				
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.																

REPLACES	[redacted] 12-3-36 APPROVED DATE								
REPLACED BY	JB EMA CALC. WT.	ACT. WT.							
± 1/64 LIMIT ON DIMENSIONS UNLESS + STRINGENCIES SPECIFIED —	12" = 1'-0" SCALE								
A C								Nicholas Miller	R
NAVY NOTED	NOTED	NONE	2-P-27				11-30-36	12-1-36	G	
MATERIAL	SPEC.	HEAT TREAT	FINISH				DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF. STAMP PT NO WHERE SHOWN

NAME ANGLE — BOMB HOIST ROLLER REAR

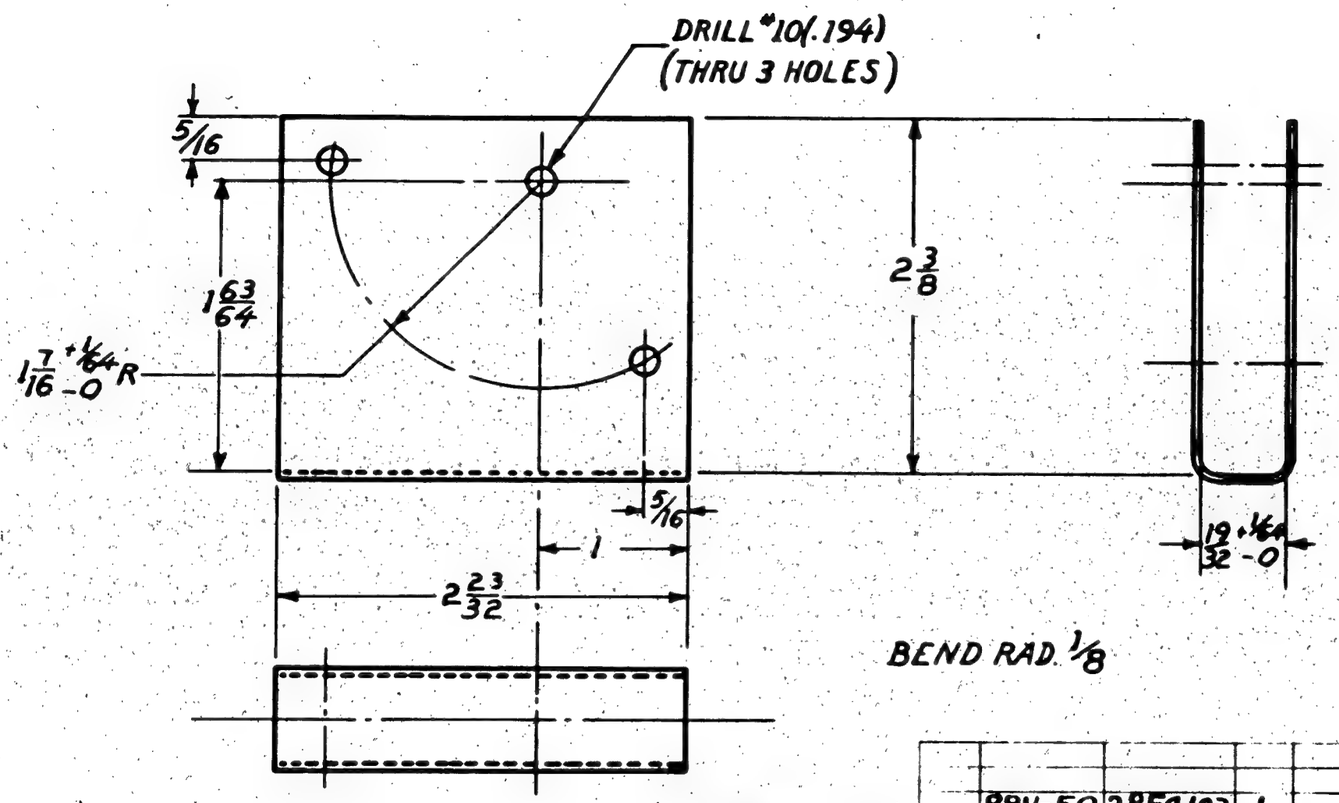
OPP. HAND 28F2116-1

DWG. B SIZE 28F2116

28F2116

PRINTED ON "IMPERIAL" TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	2-15-38	ADAMS



BEND RAD. 1/8

GP-GREEN PRIME
FINISH CODE

Z	[redacted]
P	
M	
C	

REPLACES	[redacted] 2-16-38 APPROVED DATE
REPLACED BY	.08 CALC. WT. S.H.A ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED 1/64 ±	12"=1'0" SCALE
[redacted]	

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PBY-5A	28F4103	1												
	PBY-4	28F2158													
	PBY-3	28F2158													
	PBY-2	28F2158													

REQUIREMENTS PER AIRPLANE | (3) MAT. | PARTS LIST PER ASSY.

A C			GP	ORIGINAL	B	H.W.H.	G
NAVY AL. ALLOY .051 24ST	47A10 CONG. T	NONE	Z-P-2	11-19-36	1-15-37		R
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

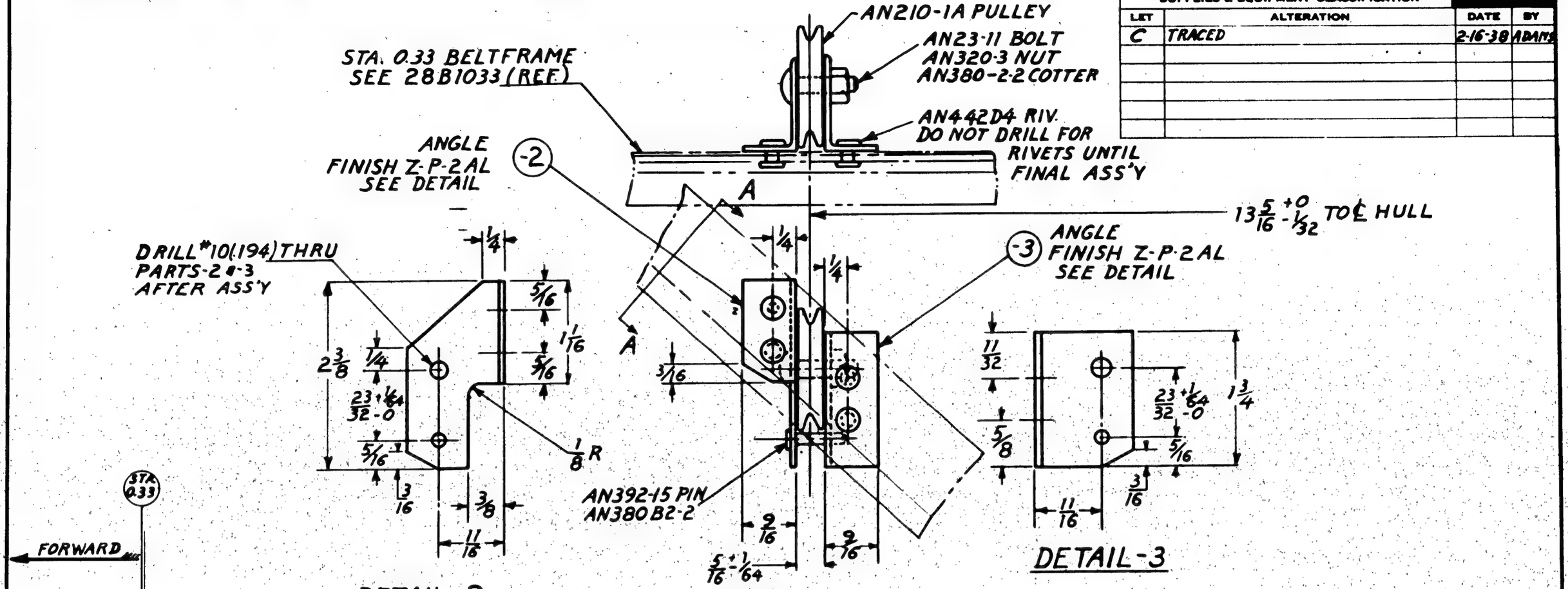
NAME BRACKET - BOMB SIGHT STABIL. CONTROL

OPP. HAND —

DWG. B SIZE 28F2159

PRINTED ON "IMPERIAL" TRACING CLOTH
U.S.C.O., U.S.A.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	2-16-38	ADAMS



MATERIAL- MAKE PARTS-2 & -3 FROM ALCOA SEC. K-78-J (1"×1"×1/16 ANGLE) 24ST SPEC. 46A9 (COND. T)

				AN442D4	4																		
				AN392-15	1																		
				AN380B2-2	2																		
	PBY-4	28F2158		AN320-3	1																		
	PBY-3	28F2158		AN23-11	1		-3	1															
	PBY-2	28F2158		AN210-1A	1		28F2160-2	1															
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				(S) MAT.	PARTS LIST PER ASSY.																		

REPLACES	APPROVED	DATE			
REPLACED BY	CALC. WT. .10	ACT. WT. S.H.W.			
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12"-1'-0"				
A C				PLACARD B	H.W.H G
NAVY NOTED	NOTED	NONE	NOTED	2-22-38	1-15-37 R
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

NAME BRACKET INST. B.S. STA. 0.33 CONTROL

OPP. HAND —

DWG. B SIZE 28F2160

MOD.	A	B	C	D	E	INST. Nº
PBY-2	-2	-3	1 1/8	1 3/8	1	28F2163
PBY-3	-5	-6	1 9/16	1 13/16	1 7/16	28F2163-7
PBY-4	-5	-6	1 9/16	1 13/16	1 7/16	28F2163-7

PBY-5
PBY-5A
0A-10

2 3/16

FORWARD

℄ STA. 1.33 BELT FRAME

EO# A1063

EO# AN063-A
PBY-5
PBY-5A
0A-10

"Z" SEC. STRINGER
7 TH. FROM KEEL
PORT SIDE ONLY

11/32

NOTE:
(H) AN3-4A BOLT, AN3651032 NUT
AN960AL10 WASHER.
DRILL #11 (.191) HOLES
AFTER CABLE IS ALIGNED

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
F	TRACED	2-17-38	ADAMS
G	ADDED TO B/M AN3004A (2)		
	AN3650/1032 (2) AN960AL10 (2)	4-11-41	SFCAIR
	ALTERED NOTE		
H	AN3004A CHANGED TO AN3-4A	4-30-41	HURLEY
	AN3651032 CHANGED TO		
	AN3651032 ON DWG & INB/M		

GP-GREEN PRIME

FINISH COD.	
Z	[redacted]
P	[redacted]
AP	[redacted]
C	[redacted]

Q616-D4-12

PBY-2 ONLY

Q7102A10 WASHER
AN210-1A PULLEY
AN23-12 BOLT
AN320-3 NUT
AN380B2-2 COTTER

(A) ANGLE 24ST AL ALLOY
.051 SHEET 47A10 COND T
FINISH Z-P-2 GP

60°

120°

(B) ANGLE 24ST AL ALLOY
.051 SHT 47A10 COND T
FINISH Z-P2 GP

3/8

D

BEND LINE

13/16

DETAIL-3 & -6

DRILL #10 (.194)
THRU -2 & -3
AFTER INST.

C

BEND LINE

3/8

13/16

DETAIL-2 & -5

E

5/16

3/4

1/8 R

(G)

5/16

1/2

SEE (-4) DETAIL

5/16

5/8

5/16

31/32

HOLE LOCATION

1/32 R

5/16

DETAIL-4

24S AL. ALLOY COND. S
SPEC. 47A10 .025 SH'T
H.T. SPEC SR-53

(G)

1/2	PBY-5	28F2158			AN3-4A	2																			
4	PBY-5A	28F4013	1		AN3651032	2																			
1/2	0A-10	28F2158			AN960AL10	2																			
O.H.	MODEL	NEXT ASSY.	REQ.		STD PARTS	REQ.																			

BILL OF MATERIAL CON'D

-4	PBY-4	28F2158			Q616D4-12	2		Q7102A10		2	2														
-7	PBY-4	28F2158			AN380B2-2	1	1		-5		1														
-4	PBY-3	28F2158			AN320-3	1	1		-4	1	1														
-7	PBY-3	28F2158			AN23-12	1	1		-3	1															
	PBY-2	28F2158	1		AN210-1A	1	1	28F2163-2		1															
O.H.	MODEL	NEXT ASSY.	REQ.		ST'D PARTS	-0 REQ.	-7 REQ.	PART NO.		-0 REQ.	-7 REQ.	LH	RH	LH	RH	LH	RH	LH	RH						

REQUIREMENTS PER AIRPLANE | & MAT. | PARTS LIST PER ASSY.

REPLACES	[redacted] 2-17-38 APPROVED DATE		
REPLACED BY	.11 S.H.A. CALC. WT. ACT. WT.		
LIMIT ON ENGINEERING UNLESS OTHERWISE SPECIFIED ± 1/64	12"-1'-0" SCALE		

AC				
NAVY NOTED	NOTED	NOTED	NOTED	
MATERIAL	SPEC.	HEAT TREAT	FINISH	
				TRACING B H.W.H G
				12-27-36 1-1537 R
				DRAFT CHECK EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME BRACKET INST.
S.B.A.E. STA. 1.33 OUT B'D

OPP. HAND

DWG. B SIZE 28F2163

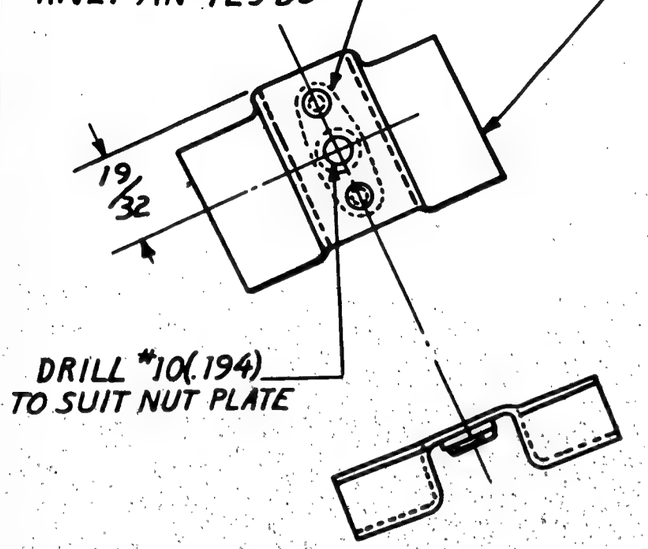
PRINTED ON "IMPERIAL" BRAND BLUE

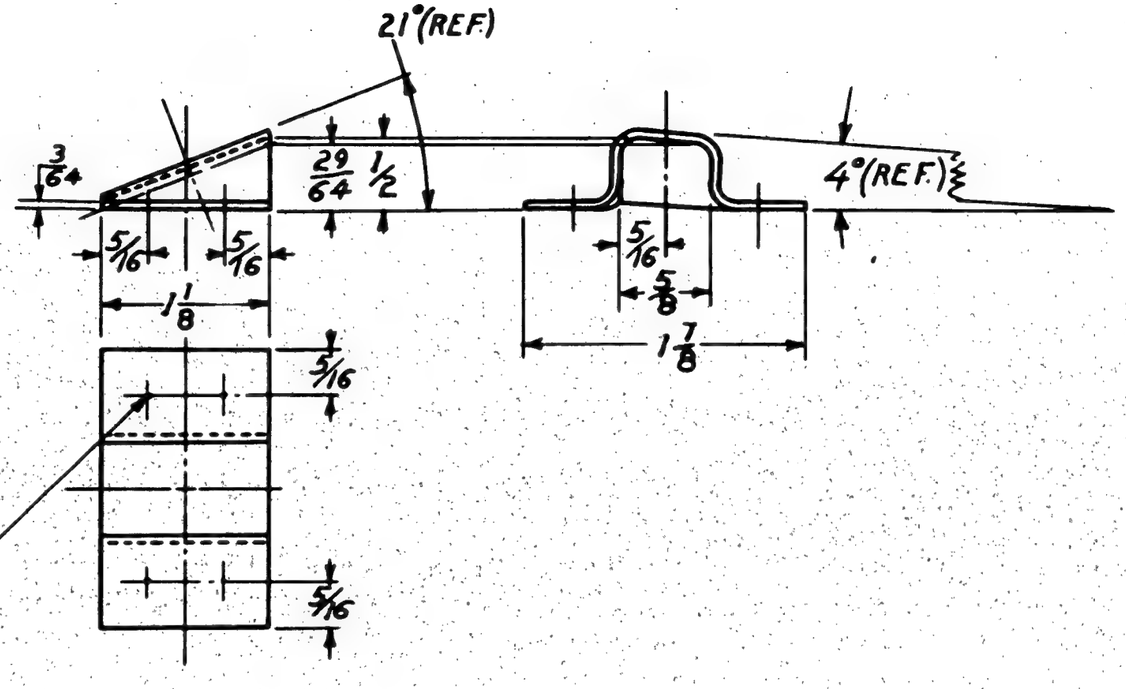
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-16-38	ADAMS
B	SPEC. FOR -2 WAS 47A10 COND. T & ADDED H.T. SPEC.	7-9-40	BRAUN

INSULATE FOR DISSIMILAR METALS WITH MARINE GLUE & FABRIC.

NUT PLATE AC366-1032
RIVET AN 425 D3

(2) BRACKET .051 Al. ALLOY SHT. (2450)
SPEC.-47A10 COND. A
FINISH - Z-P-2AL (B)





4 RIVET HOLE LOCATIONS

ALL BENDS 1/8 R

	PBY-5	28F2166																			
	PBY-4	28F2166																			
	PBY-3	28F2166		AN425D3	2																
	PBY-2	28F2166	1	AN366-1032	1		28F2165-2	1													
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH	PART NO.	LH REQ.	RH	LH REQ.	RH	LH REQ.	RH	LH REQ.	RH	LH REQ.	RH	LH REQ.	RH	LH REQ.	RH
REQUIREMENTS PER AIRPLANE				(S) MAT.	PARTS LIST PER ASSY.																

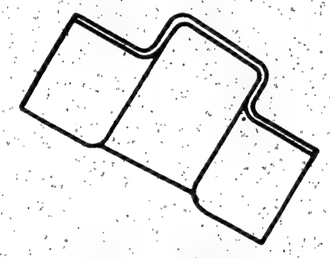
REPLACES	[redacted] 7-K-38 APPROVED DATE				
REPLACED BY	.03 S.H.A. CALC. WT.	ACT. WT.	A C		
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED 1/64 ±	SCALE 12"=1'-0"		NAVY NOTED	NOTED	(B) SR-53(-2)
[redacted]			MATERIAL	SPEC.	HEAT TREAT
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF. STAMP PT. NO. WHERE SHOWN			NAME BRACKET ASS'Y NUT PLATE		

	TRACING	B	H.W.H.	G
NOTED	1-14-37	1-15-37		R
FINISH	DRAFT	CHECK	EXAM.	ENG.

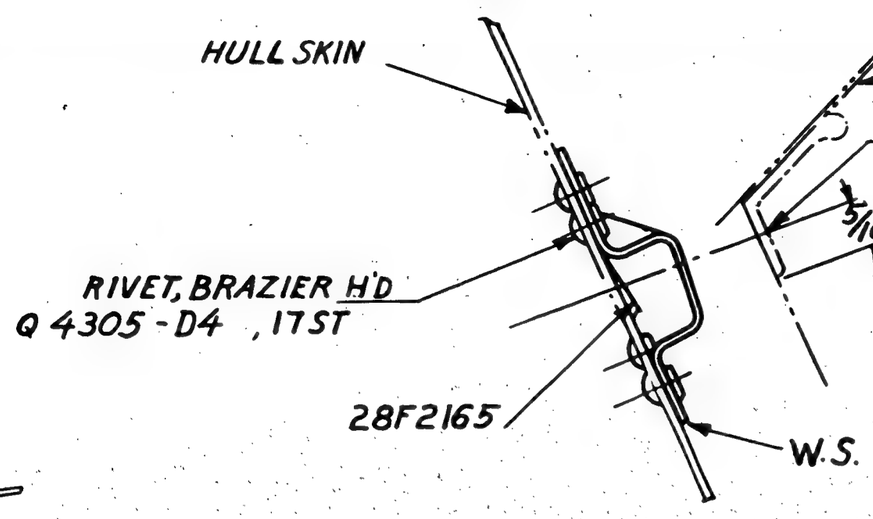
OPP. HAND

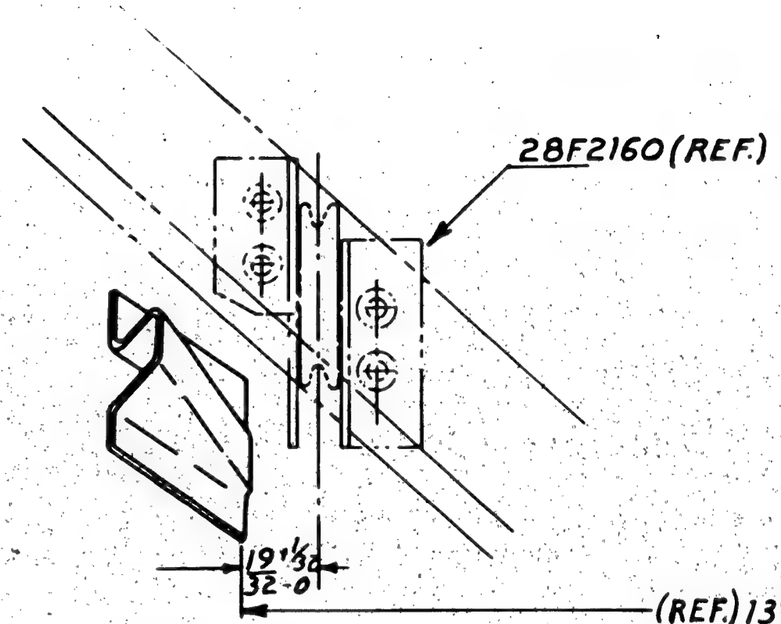
DWG. B SIZE 28F2165

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	2-16-38	ADAMS



SIDE VIEW.

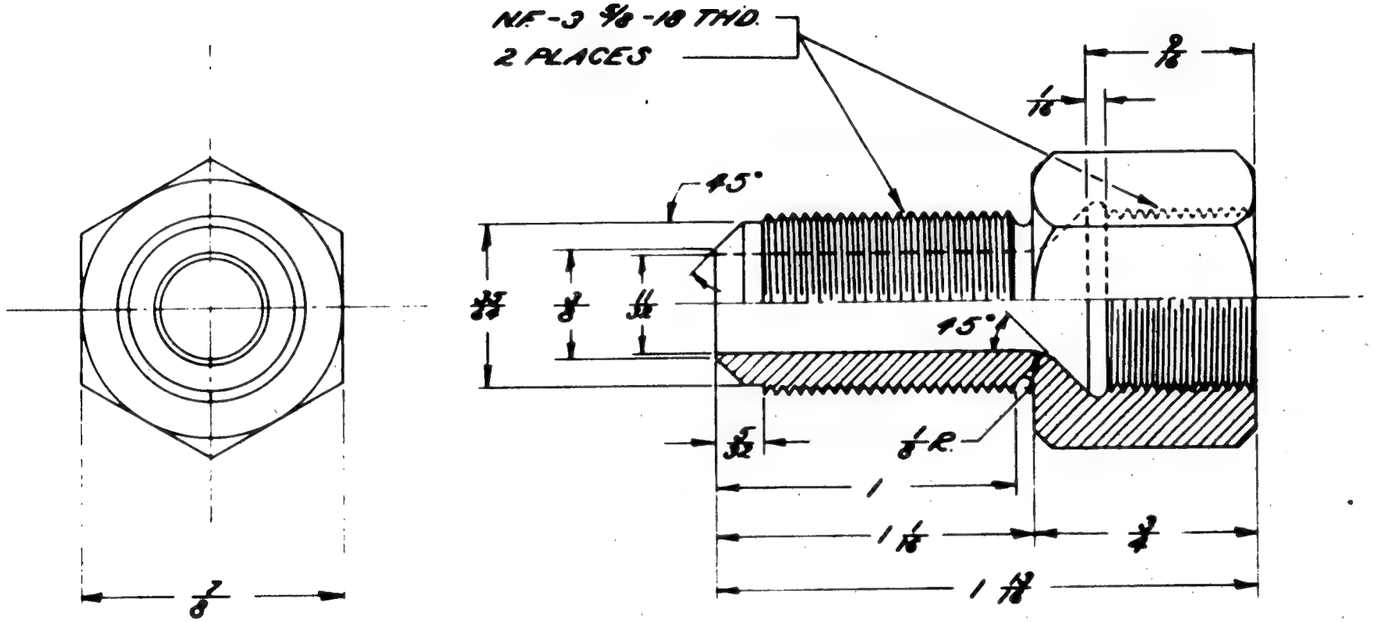




REAR VIEW

REPLACES	APPROVED K [redacted] 2-16-38 DATE																					

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-1-38	Connell



NOTE:
ASSEMBLE WITH BA 5945-37
28F2062-7 LOCKNUT

C 70496 C 77713
C 88476 # 170 52

CONTR. 70496

REPLACES	APPROVED	DATE
	[redacted]	05 JAN
REPLACED BY	CALC. WT.	ACT.WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	24"=1'-0" SCALE	

O. H.	MODEL	NEXT ASSY.	REQ
	PBY-5B	28F2068	2
	PBY-5A	28F6011	2
	PBY-5	28F2068	2
	PBY-4	28F2068-30	
	PBY-3	28F2068-30	
	PBY-2	28F2068	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH	RH	PART NO.	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH
	REQ.			REQ.		REQ.		REQ.		REQ.		REQ.	

MAT. PARTS LIST PER ASSY.

A C NAVY	AL. ALLOY HEX. 1100	4S&SCond.T ALLOY 24-T	NONE	2
	MATERIAL	SPEC.	HEAT TREAT	FINISH

DRAFT	CHECK	EXAM.	ENG.
1-26-38	1-26-38	11-8-38	
Hollander	Gray		R

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP FT. NO. WHERE SHOWN

NAME COUPLING - FURN'S - BULKH'D SPECIAL

OPP. HAND

DWG. B SIZE 28F2175

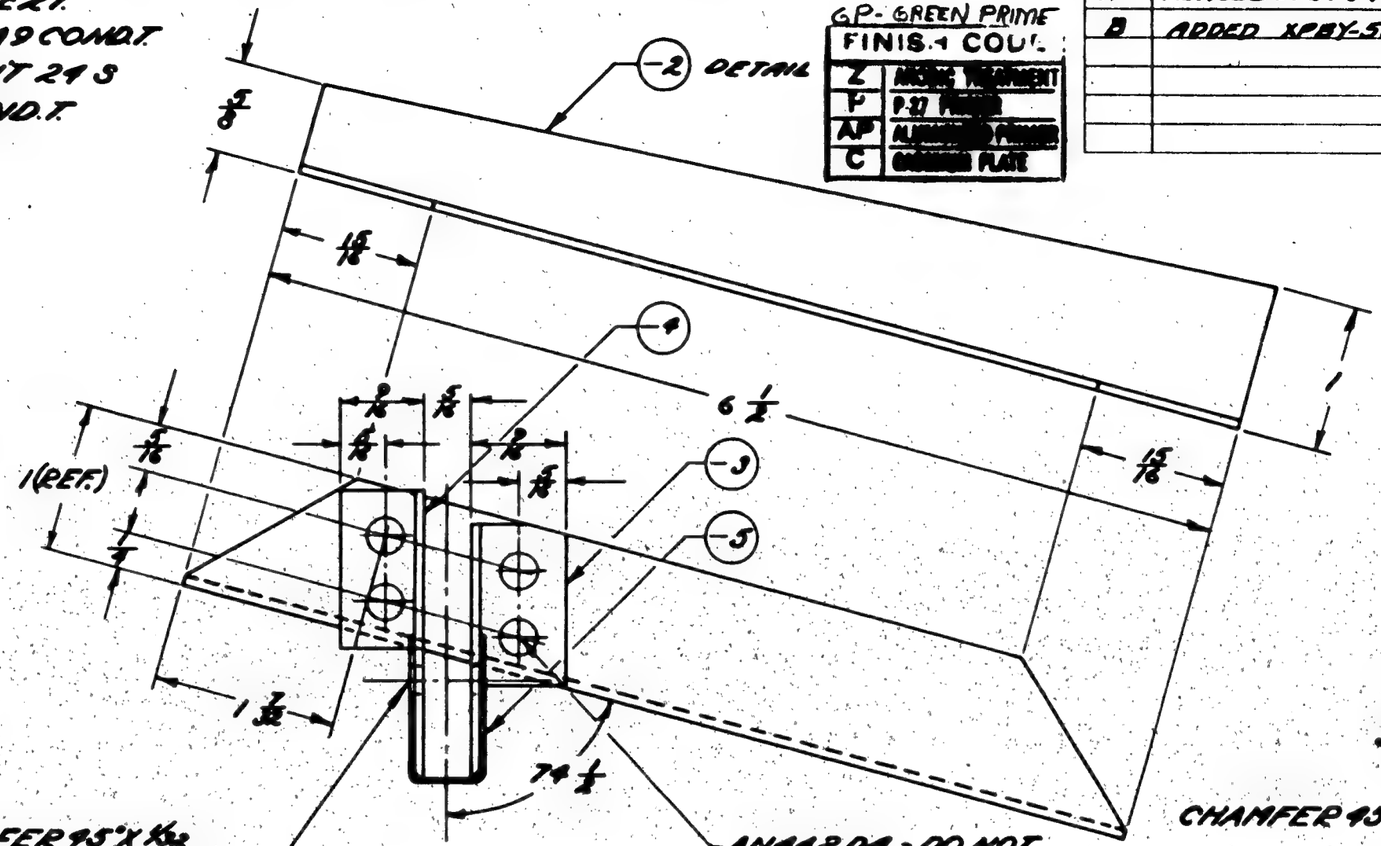
FINISH CODE	
Z	[redacted]
P	P-27 [redacted]
AP	AL [redacted]
C	CADMIUM PLATE

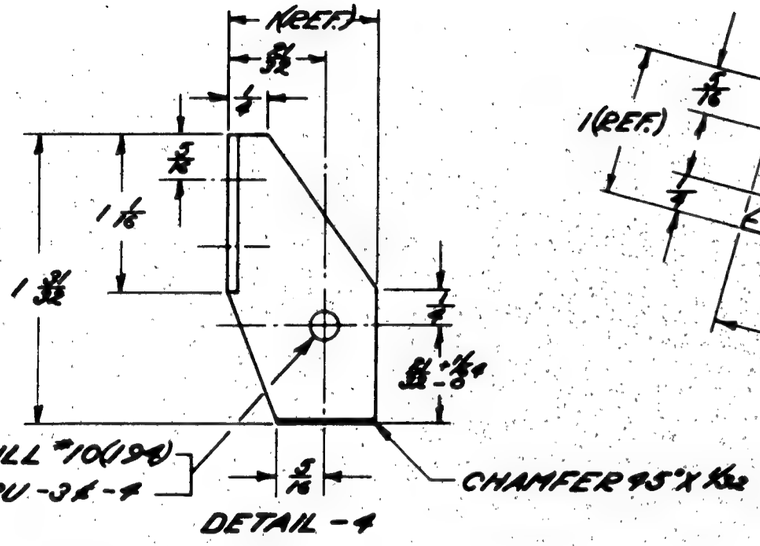
PRINTED ON "VANDYKE" TRACING CLOTH
E.K.C.CO., N.Y.

NOTE:
MAKE -2 -3 & -4 FROM AL. ALLOY EXT.
24S ALCOA DIE "K 78J SPEC. 7EA9 COND.T
MAKE -5 FROM .025 AL ALLOY SHT 24S
SPEC. 7EA0 COND.A. M.T. SR53 COND.T

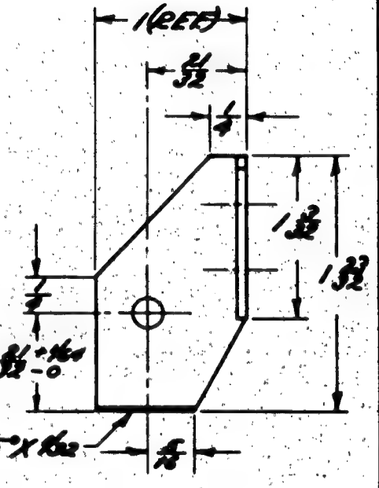
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED & PBY-3 & PBY-4 REQTS ADDED	2-1-38	[illegible]
B	ADDED XPBY-5A REQ'TS.	11-22-37	M'Donnell

GP- GREEN PRIME
FINISH COAT
Z ANODIC TREATMENT
P P.37 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE

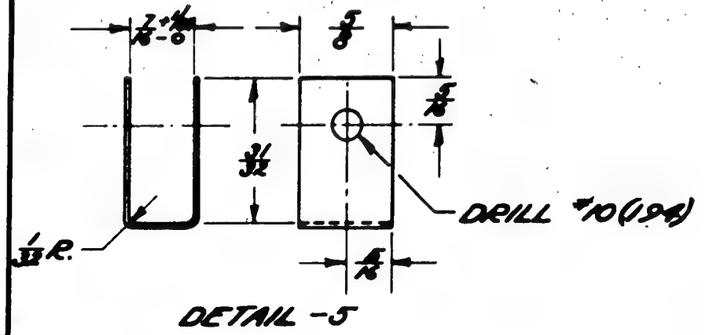




DETAIL -4



DETAIL -3



DETAIL -5

-5	PBY-5A	28F4103	2																		
-4	PBY-5A	28F4103	1																		
-3	PBY-5A	28F4103	1	AN442D4	4																
-3,-4,-5	XPBY-5	28F4167		AN960B2-2	1		28F2185-5	1													
	PBY-4	28F2158-3		AN320-3	1		-4	1													
	PBY-3	28F2158-3		AN210-1A	1		-3	1													
	PBY-2	28F2158		AN23-12	1		28F2185-2	1													
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.				
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.																

28F2168		2-1-38
REPLACES	APPROVED	DATE
	M JBJ.	
REPLACED BY	CALC. WT.	ACT. WT.
1/64 & 1/16	12" = 1'-0"	
LIMIT ON DIMENSIONS UNLESS + OTHERWISE SPECIFIED −	SCALE	

[redacted]

AC							
NAVY NOTED	NOTED	NOTED	GP Z-P-2	3-23-38	3-23-38		
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME
BRACKET ASS'Y B.S. STA. 0.66 OUTB'D PULLEY

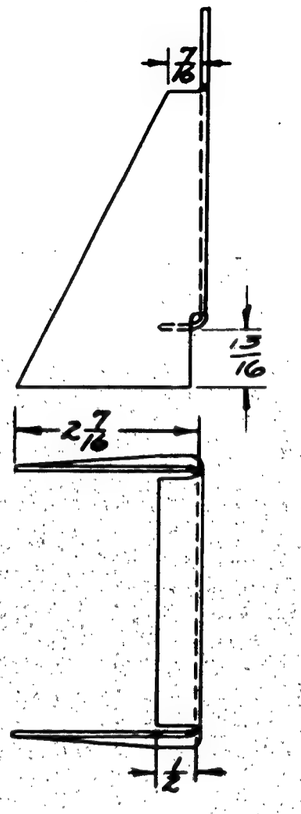
OPP. HAND

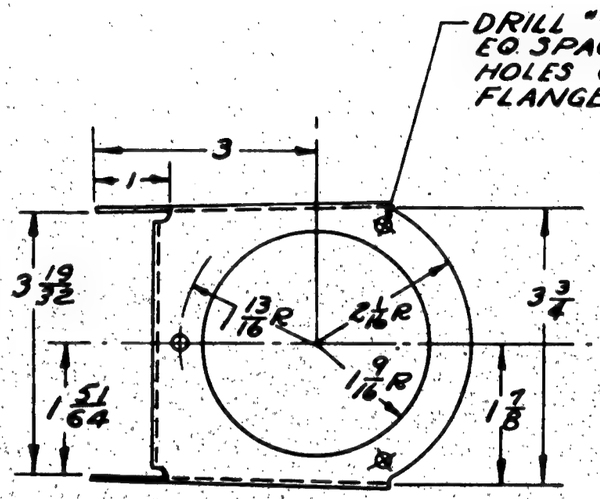
DWG. B SIZE

28F2185

PRINTED ON "VANDYKE" TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-31-38	RRH
B	CHG'D 2 DIMS. 3 19/32 WAS 3 9/16, 1 51/64 WAS 1 23/32	6-23-38	[illegible]
C	ADDED PBY-3 REQ'TS ON SHIPS #0842-0871 INCL. & #0901-07 INCL. & PBY-4 REQ'TS.	6-23-38	[illegible]





ALL BENDS 1/8 RADIUS

SHIPS #0842-0871 INCL & #0901-07 INCL
SHIPS #0490 TO #0496 INCL.

REPLACES	LCW APPROVED	1-31-38 DATE
REPLACED BY	.07 CALC. WT.	LBS. ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	6"-1:0" SCALE	

[redacted]

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PBY-5B	28F2292	1												
	PBY-5A	28F2292	1												
	PBY-4	28F2292													
	PBY-3	28F2292													
	PBY-2	28F2292													
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.										

A C				3-24-37		Carlson		
NAVY .051 AL ALL SHT	4 3/4 HD CONDT (ALLOY 24ST)	NONE	NONE	[illegible]		[illegible]	Eng	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.	

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME SUPPORT - FURN'S - DE-ICER DISTRIBUTING VALVE MOTOR

OPP. HAND

DWG. SIZE B

28F2191

PRINTED ON "IMPERIAL" TRACING CLOTH

LET	ALTERATION	DATE	BY
M	REVISED & REDRAWN	3-15-39	[illegible]
N	FINISH ADDED TO ENDS	9-26-39	[illegible]
O	ADDED -7 FOR PB2Y-2	4-4-40	[illegible]
P	ADDED -8 FOR LB30B TO FACE OF DRUM AND B/M	4-12-41	[illegible]
Q	REVISED BRACKET NAME. NO WT. CHG.	5-11-43	[illegible]

-8	B36A	55P100	1
-7	PB2Y-2	29C1107	1
-4	PBY-5	28F2190	1
-4	PBY-5A	28F2190	1
-4	PBY-5B	28F2190	1
-4	PBY-4	28F2190-100	
-4	PBY-3	28F2190-71	
	PBY-2	28F2190	

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

F.O. 54526 LB30B

C = 20.54 (BODY BAR)

A

28F2197-6 A LENGTH = 120

28F2197-8 A LENGTH = 85 (P) 28F2197-7 A LENGTH = 54

FINISH-P-2 AP GP (N) THIS END ONLY

MODIFIED ARENS CONTROL #FD-125 PURCHASE FROM: "ARENS CONTROLS" 1150 W. MARQUETTE ROAD, CHICAGO, ILL. } OR EQUIV.

28F2197-4

SPERRY PULL ON PILOT — 1/8 & 3/16 WHITE LETTERS

DE-ICER ON PULL

FINISH:- NICKEL PLATE KNOB END AS FURNS. BY VENDOR.

DE-ICER ON PULL — 1/8 WHITE LETTERS

177 7/8

MOVEMENT 2 5/8 — 2 7/8 — A — 5 1/2 — 5 1/2

SOLDER

3/32 BRASS SH'T. SPEC. 47B2- H.H.

1/4 R. — 1/2 — A

5/32 R. — 5/32 R. — 9/16 — DRILL #10 (.193)

SECTION A-A

28F2197

C. 70436, 77713, 88776 only

C. 70436 & 91876 (1-89 Con-Imp) (P)

NOTE: DIMENSIONS GIVEN ARE TYPICAL EXCEPT FOR LENGTH.

SHIPS #0642-71 & 0901-07 INCL.

SHIPS #0490 TO 0496 INCL.

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

CP CHROMATE PRIME

REPLACES 28F2197 OF 5-11-37

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12" = 1'-0"

APPROVED [illegible] DATE 3-15-39

$.00 CALC. WT. ACT. WT. 26

AC								
NAVY NOTED	NOTED	NONE	NOTED	3-15-39		CARLSON		
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.	

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

THOMSEN — TIFFANY RING

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME

CONTROLS- FURNS. DE-ICER & AUTO. PILOT

OPP. HAND

DWG. SIZE B

28F2197

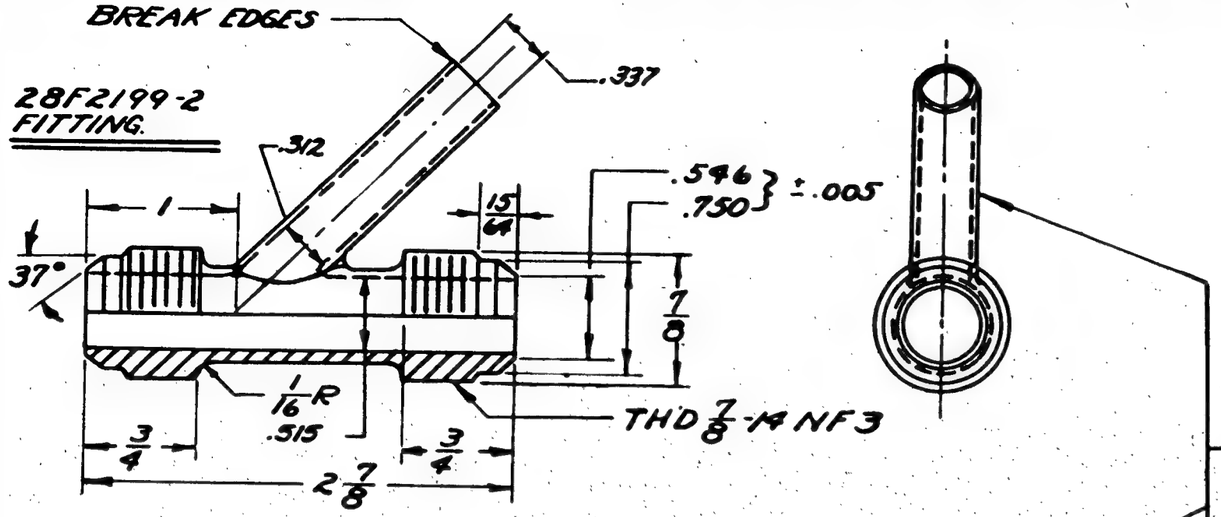
SULLIVAN-MCKEGGAN CO., INC. BUFFALO — SPECIAL TRACER BLOCK

GOODYEAR

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	2-1-38	RRH
D	ADDED REQ. FOR ASS'Y. 28F2293	2-24-38	HERMANSEN
E	REMOVED -5, -6, -7, & -8.		
	REMOVED WELD & H.T. NOTES		
	PARTS WERE MADE OF WELDED		
	TUBING & MACHINED BAR STOCK	3-7-44	M'C'D.

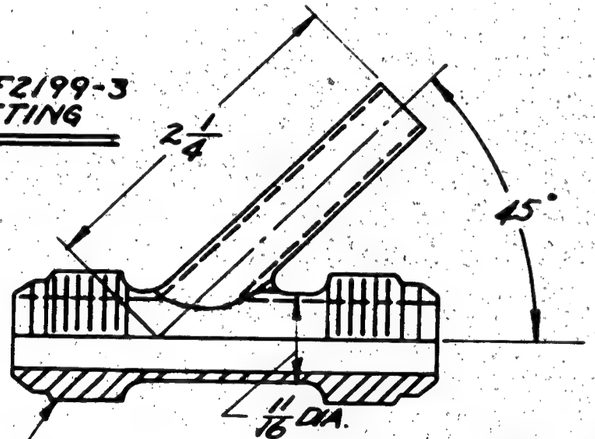
BREAK EDGES

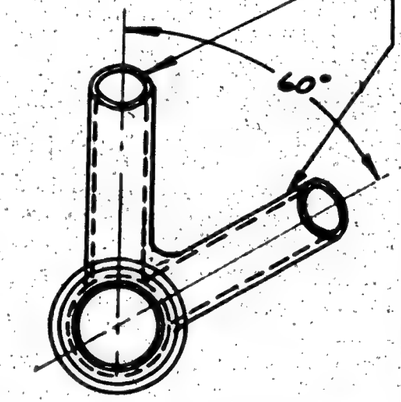
28F2199-2
FITTING.



7/16 O.D. DRAFT & DIM. THE SAME ON THESE 3 LEGS

28F2199-3
FITTING





FITTING TO CONFORM WITH SPEC-M334 AS APPLICABLE

BODY DIM. THE SAME FOR -3 AS FOR -2 ABOVE

MATERIAL : ALCOA #13 DIE CASTING

SPEC : 46A14 CLASS 1.

PBY-2 SHIPS "0490-0496 INCL.

REPLACES	[redacted] 2-1-38 APPROVED	DATE
REPLACED BY	-2 - .14 -3 - .8 CALC. WT.	ACT. WT.
LIGHT ON DIMENSIONS UNLESS + OTHERWISE SPECIFIED —	12"-1'-0" SCALE	

[redacted]

-3	PBY-3	28F2199-4					
-2	PBY-3	28F2199-3		-3	PBY-5A	28F2018	2
				-2	PBY-5A	28F2018	4
-3	PBY-4	28F2018		-3	PBY-5A	28F2193	1
-3	PBY-4	28F2193-4		-2	PBY-5A	28F2193	1
-3	PBY-4	28F2190-100		-3	PBY-5A	28F2190	6
-2	PBY-4	28F2018		-2	PBY-5A	28F2190	4
-2	PBY-4	28F2193-4		-3	PAY-5A	28F2018	2
-2	PBY-4	28F2190-100		-2	PAY-5A	28F2018	4 EA
-3	PBY-3	28F2018		-3	PAY-5A	28F2193	1 EA
-3	PBY-3	28F2193-3		-2	PAY-5A	28F2193	1 EA
-3	PBY-3	28F2190-10		-3	PAY-5A	28F2190	6 EA
-2	PBY-3	28F2018		-2	PAY-5A	28F2190	4 EA
-3	PBY-3	28F2193-30		-3	PAY-3	28F2190-11	
-2	PBY-3	28F2190-10		-2	PAY-3	28F2190-11	
-3	PBY-2	28F2018					
-3	PBY-2	28F2193					
-3	PBY-2	28F2190					
-2	PBY-2	28F2018					
-2	PBY-2	28F2193					
-2	PBY-2	28F2190					

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASS'Y												
A C																	
NAVY NOTED		NOTED		NONE			2-P-2[redacted]GP										
MATERIAL		SPEC.		HEAT TREAT			FINISH					DRAFT	CHECK	EXAM.	ENG.		

GP-GREEN PRIME

INIS-1 CODE

Z	[redacted]
P	[redacted]
AP	[redacted]
A	[redacted]

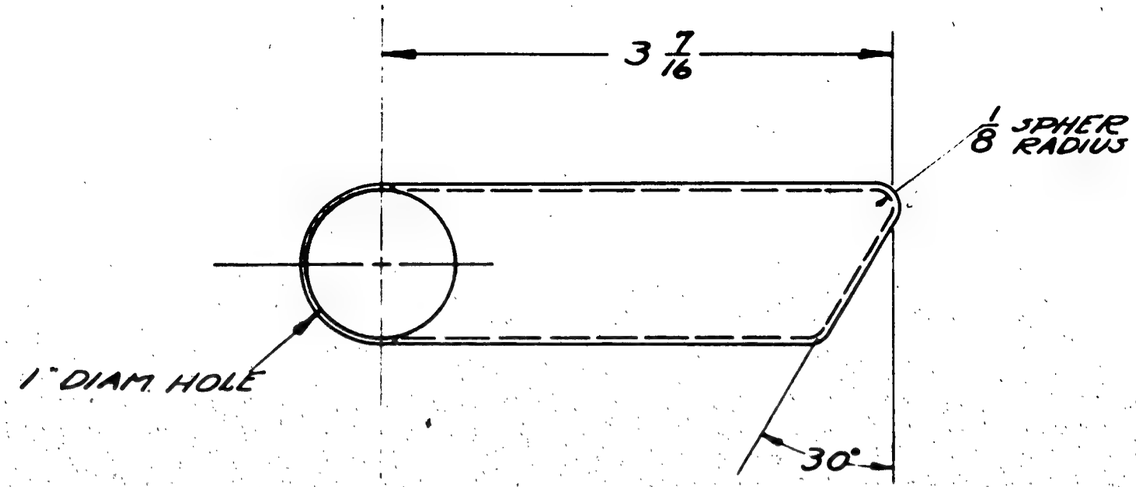
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

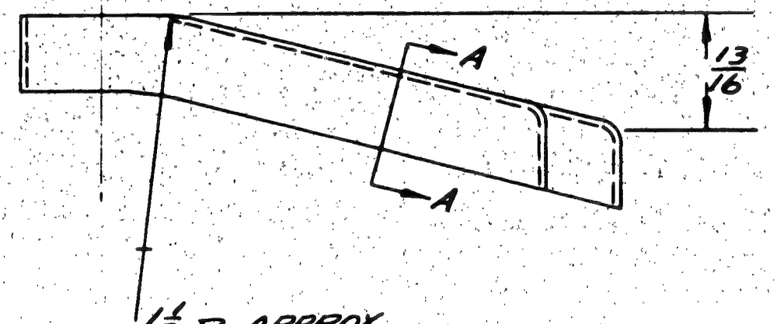
NAME FITTING-FURN'S-DE-ICER TUBES-WING

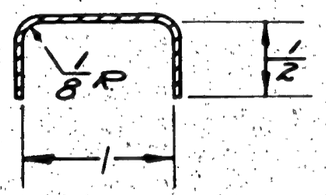
OPP. HAND —

DWG. B 28F2199

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED UP TO DATE	1-28-38	FRH







SECTION A-A

-1	PBY-4	28F1062-6																			
	PBY-4	28F1062-6																			
-1	PBY-3	28F1062-6																			
	PBY-3	28F1062-6																			
-1	PBY-2	28F1062-6																			
	PBY-2	28F1062-6																			
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH	RH	PART NO.	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH		
					REQ.			REQ.		REQ.		REQ.		REQ.		REQ.		REQ.			
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.																
— 295		COND. A		AFTER FORMING								4-21-37				CARLSON					
NAVY. 040 AL AL SHT		97A10		SR 53 COND T.			Z-P-2 AL					HACK				HARVEY		RING			
MATERIAL		SPEC.		HEAT TREAT			FINISH					DRAFT		CHECK		EXAM.		ENG.			

REPLACES		APPROVED	DATE
	.04	J.B.J.	
REPLACED BY	CALC. WT.		ACT. WT.
1/64 LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±	12"=1'-0" SCALE		

[redacted]

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

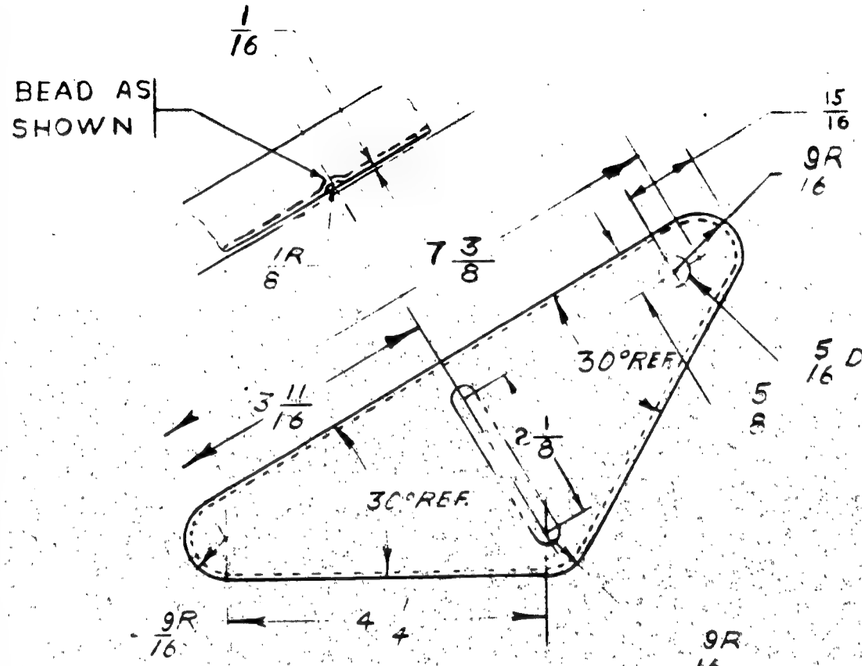
NAME: BRACE - FURN'S - SEAT BACK

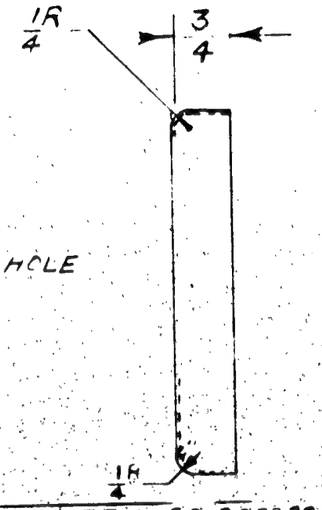
OPP. HAND 28F2203-1

DWG. B SIZE 28F2203

LET	ALTERATION	DATE	BY
D	TRACED NO WT. CHG.	10-5-43	WOLFE

28F2223





NOTE
DESIGNED FOR
DROP HAMMER

FINISH CODE	
Z	ANODIC TR...
P	P-7 PRIM...
GP	GREEN FS ...
C	CADMIUM PLA...

-R	PBY-5B	28F2221	1
-L	PBY-5B	28F2221	1
-R	PBY-5A	28F2221	1
-L	PBY-5A	28F2221	1
-R	PBY-5	28F2221	1
-L	PBY-5	28F2221	1
-R	ALL2855	28F2221	1EA.
-L	ALL2855	28F2221	1EA.
	PBY-2,3,4	28F2221	

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ

REQUIREMENTS PER AIRPLANE

REPLACES 28F2223 OF 2-28-37 — .18 CALC. WT.

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± — SCALE 6 = 1'-0

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-R	C51X4 7/8X10½	AL.AL SH.	QQA-355-T	1									
-L	C51X4 7/8X10½	AL.AL SH.	QQ-A-355-T										
				-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC		ERSE-LIUS		MOFFAT		L.C.W.		
NAVY	Z-P-2G.P.	6-1537		C.N		6-[illegible]	R	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME BRACKET-FURN-MECHANICS FOLDING FOOTREST.

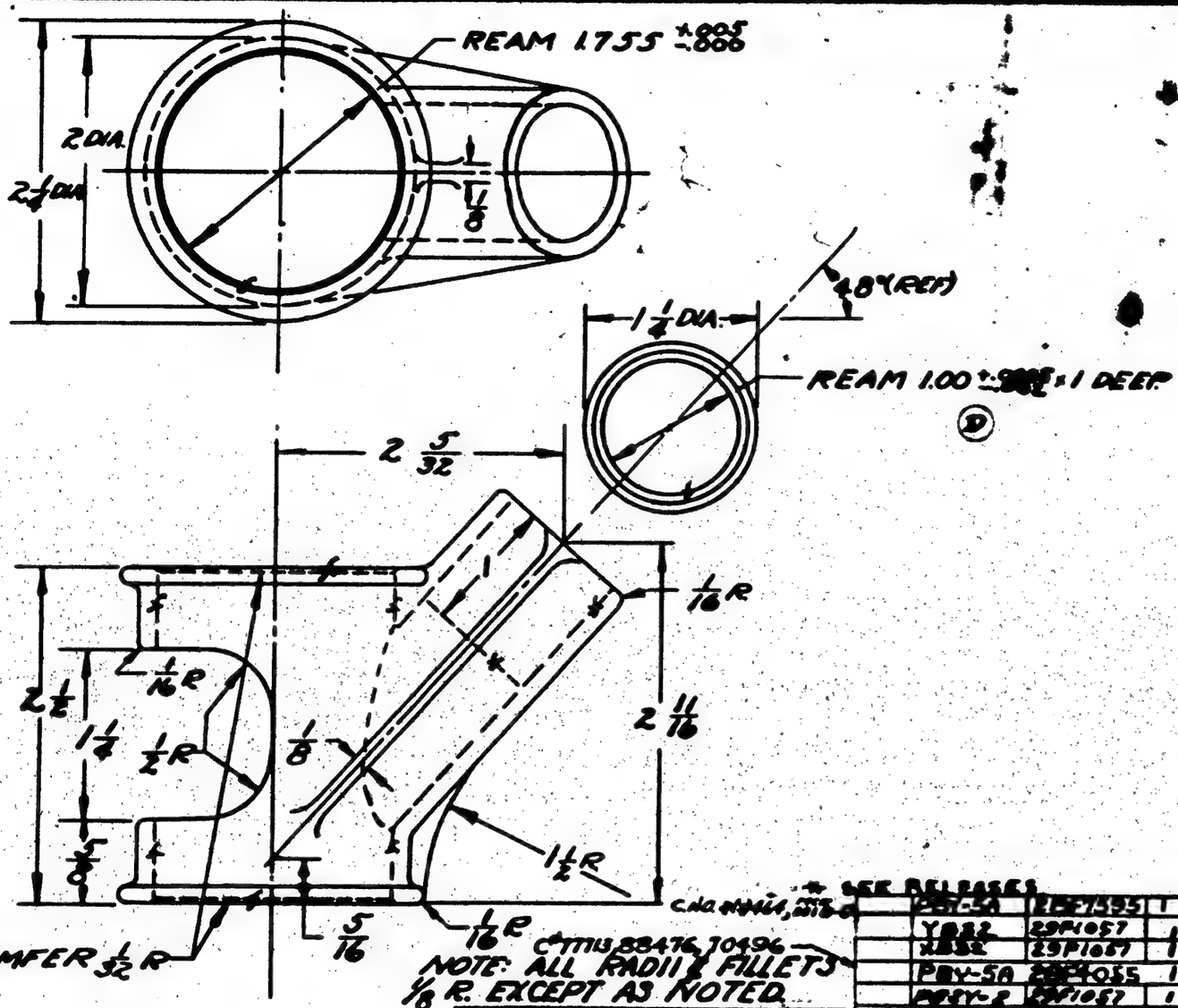
OPP. HAND 28F2223-R

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE — 28F2223

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED UP TO DATE	1-8-[illegible]	[illegible]
C	[illegible]	[illegible]	[illegible]
D	[illegible]	[illegible]	[illegible]
	[illegible]	7/[illegible]	[illegible]
MCR [illegible]	E	30 REQ./AIRPLANE BLOCK ADDED PER [illegible]	
		[illegible] -1 REQ. FOR C. No. 6 (30 AC)	
		[illegible] UNITED REQ FOR AER 5A	[illegible]
		[illegible] NA TO C[illegible] 77113, 88476	
		70496 ONLY. NO WT. CHG.	

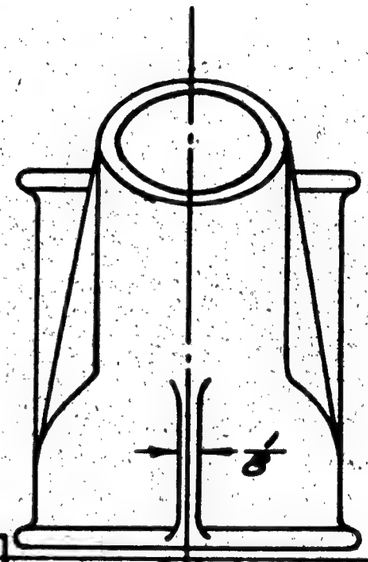
122202



C'TTMS 88476, 70496

NOTE: ALL RADII & FILLETS 1/8 R. EXCEPT AS NOTED.

NOTE:
SEE CO 5309 FOR METHOD OF MAKING PARTS, UNTIL CASTINGS ARE AVAILABLE.



[redacted]

REPLACES	RCW 1-27-[illegible] DRAWING DATE	
REPLACED BY	34 GAGE WT.	ASY. WT.
LIGHT ON [illegible]	12" = 1'0" SCALE	

* SEE RELEASES

G.T.N.	MODEL	PART ASSY.	REQ.
	PBY-5A	28F1555	1
	YPBY	28F1057	1
	XPBY	28F1057	1
	PBY-5A	28F1055	1
	PBY-6	28F1057	1
	PBY-5	28F2132	
	PBY-5	28F2132	
	PBY-5	28F1055	1

REQUIREMENTS PER AIRPLANE	ST'D PARTS	LH RH REQ.	PART NO.	LH RH REQ.	LH RH REQ.	LH RH REQ.	LH RH REQ.	LH RH REQ.
	MAT.	PARTS LIST PER ASSY.						

A C				4-17-37		Cw	
NAVY AL ALLOY CASTING	4140-4	28000 #/□"	2-PZ-GP	[illegible]		4-WH	R
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

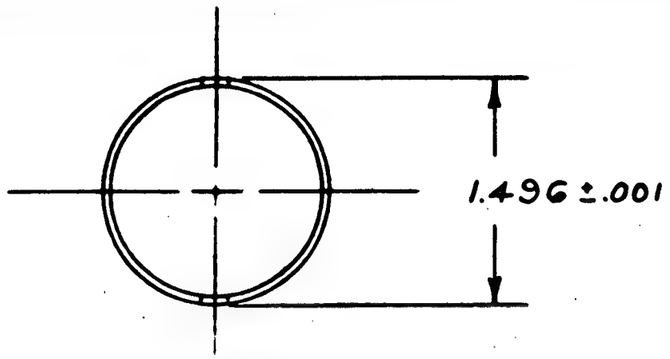
CONSOLIDATED AIRCRAFT CORP. [illegible], CALIF.

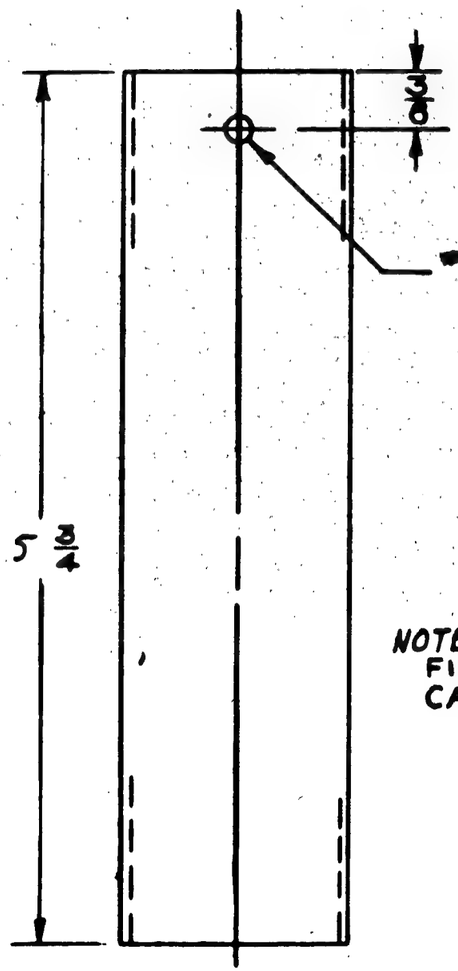
NAME SWIVEL-FURN'S-NAV'S SEAT SUPPORT-LOWER

OPP. HAND None

DWG. B 28F2227

LET	ALTERATION	DATE	BY
D	TRACED	6-8-43	
E	ADDED -7 PART. WT. FOR -7 ± .48	6-16-43	





TO MCR 255

NOTE
FINISH - G Z-P-2 G F
CAD. PLATE - 7

-7	PBY-5A	28F7578	
-7	PBY-5	28F7577	
-6	YB-32	28F2083	
-6	XB-32	28F2082	
-6	28-5AMN	28F5030	
-6	PBY-5A		
-6	28-5AMC		
-6	28-5MM		
-6	28-5ME		
-6	28-5MC		
-6	28-5MA		
-6	PBY-5A		
-6	PBY-5	28F5030	

ASSY. BASIS NO. | MODEL | NEXT ASSY. | NOS.

REQUIREMENTS PER AIRPLANE

REPLACES 28F2231 "A" SIZE | -6: 13 -7: 14 Calc. Wt.

REPLACED BY | Act. Wt.

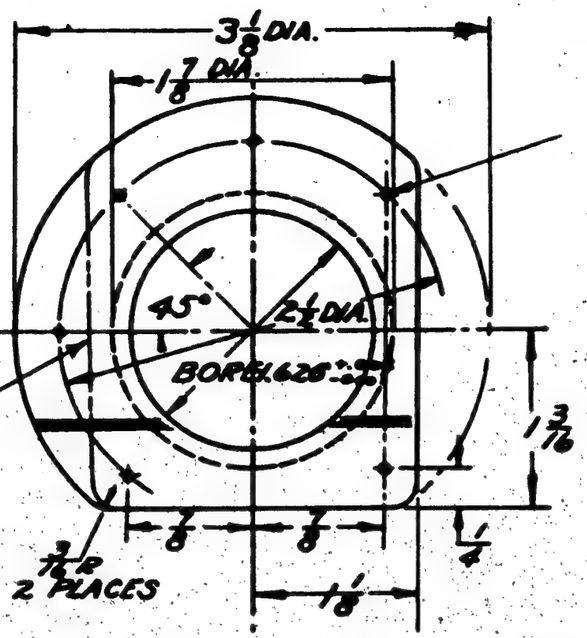
AGENT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 | SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED TO DATE	4-30-38	RCH
B	[illegible]	[illegible]	[illegible]
C	ADDED -6 ITEM PER ENGR'G ORD.	8-6-42	[illegible]
D	TO REQ. 1 AIR PLANE BLOCK ASSY.		
	28 PBY-5A - 28F7595 - 1 REQ.		
	FOR C.NO. (6) 464, LIMITED REQ'S	6-4-45	[illegible]
	FOR PBY-5A - 28F1055 TO		
	C.N. 7713, 8876, 10496 ONLY		
	NO WT. CHG.		

MCR 2218-C



-6 ONLY

28F2233-6 SAME AS 28F2233 EXCEPT FOR CUTTING OFF OF FLANGE.

MCR 2218-C
C.N.M. (6) 464, 7713, 8876, 10496

ALL RADII & FILLETS 1/8 R EXCEPT AS NOTED

G. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH RH REQ.	PART NO.	LH RH REQ.	LH RH REQ.	LH RH REQ.	LH RH REQ.	LH RH REQ.
	PBY-5A	28F7595	1								
	PBY-5B	28F4055	1								
	PBY-5A	28F4053	1								
-6	PBY-5	28F1067									
	PBY-5	28F4055									
	PBY-5	28F2182									
	PBY-5	28F2182									

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES	[illegible]	DATE
REPLACED BY	[illegible]	ASST. WT.
LIGHT ON [illegible]	13'-1'-0"	

NAVY AN ALLOY CASTING	46N-CL4	23,000 #/□"	Z-P.Z.G.P.	7-8-37		R
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	ENGR.	ENGR.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

NAME SOCKET - FURN'S - NAV'S TABLE LEG

OPP. HAND

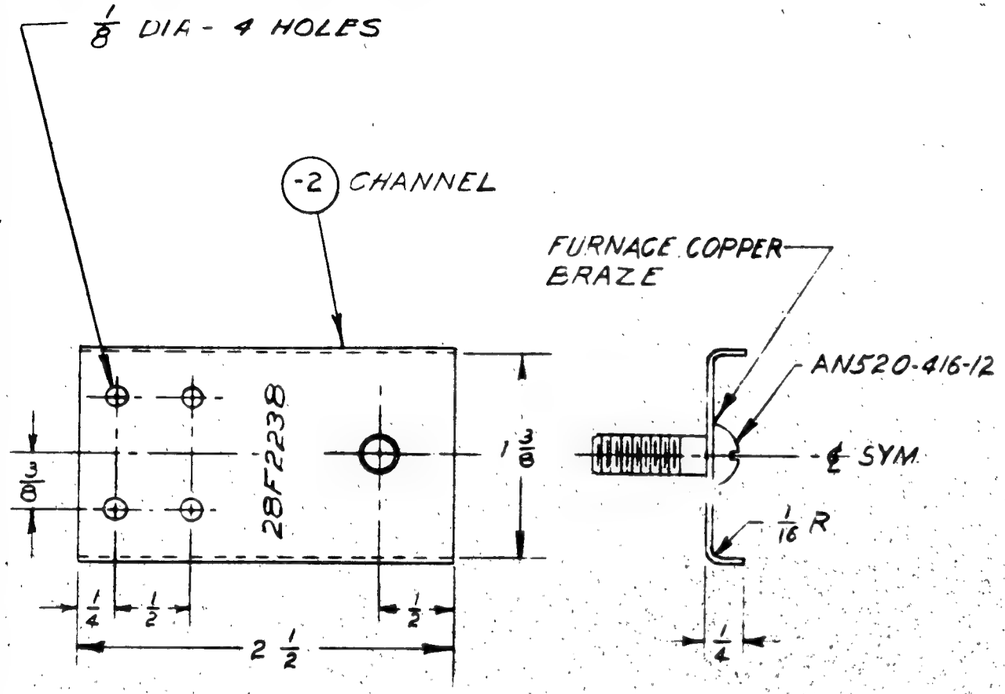
SIZE B

28F2233

28F2233

LET	ALTERATION	DATE	BY
E	TRACED NO WT. CHG.	10-4-43	GARVIN

28F2238



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

ASSY DASH NO	MODEL	NEXT ASSY.	REQ
	PBY-5	28F2237	4
	PBY-5A	28F2237	4
	PBY-4	28F2237	
	PBY-3	28F2237	
	PBY-2	28F2237	

REQUIREMENTS PER AIRPLANE

REPLACES 28F2235--12-39 .04 CALC. WT.

REPLACED BY ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/64 | SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN520-416-12				1									
-2	.031 X 2 X 2 5/8	C.M. STEEL	AN-QQ-S-685	1									
PARTS LIST PER ASSY.				-0		-3		-4		-5			

AC		LIVERS	BOULEY	MOFFATT		ZCW	A
NAVY 90,000 TO 125,000 P.S.I.	C-P-GP	6-21-37	6-28-43			6-28-37	
HEAT TREAT	FINISH	DRAFT	CHECK	ENGR.	MAT.	APPROV	ENG.

NAME CLIP-FLARE RACK ATTACHING STUD

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B

28F2238

28F2259

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	1-31-38	RRH
D	ON FACE OF DWG., FOR -2 & -4, REPLACED SPEC. "47814" WITH "AN-QQ-S-685. FOR -4, REPLACED SPEC. "46522" WITH "AN-QQ-S-684" IN H.T. BLOCK, REPLACED "NONE" WITH "90,000 TO 125,000 #/□" (HEAT TREAT)	6-8-43	KNIGHT

NOTE:
STAMP PART & CORRECT ASSEMBLY Nº. APPROX. AS SHOWN.

-2 .044 C.M. ST'L. SHT. SPEC.- AN-QQ-S-685
-3 OPPOSITE

BEND RADII 1/8

WELD

1/8 R

5/16 DIA. HOLE

28F2259 -1 ASS'Y

28F2259

WELD IS TO BE WITHIN 3/8 R ABOUT HOLE.

BEND SHARP AS POSSIBLE.

1/16 R.

-4 5/16 DIA. C.M. ST'L. ROD SPEC - AN-QQ-S-684

-6 .044 C.M. ST'L. SHT. SPEC- AN-QQ-S-685
-7 OPPOSITE.
-8 L.H. ASS'Y.
-9 R.H. ASS'Y.

28F2259-

5/16 DIA. HOLE

BEND RADII 1/8

DRILL 1/16 PILOT HOLE- 6 PLACES.

SB- SAND BLAST

FINISH CODE

Z	[redacted]
P	[redacted]
AP	[redacted]
C	[redacted]

SEE RELEASE SHEET

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-9	PBY-5A	28F4079	1														
-8	PBY-5A	28F4079	1														
-9	PBY-4	28F3085					-7						/				
-8	PBY-4	28F3085										/					
-9	PBY-3	28F3085					-6						/				
-8	PBY-3	28F3085					-4	/		/		/		/			
-1	PBY-2	28F2127					-3			/							
-0	PBY-2	28F2127					28F2259-2	/									
-1	PBY-1B	28F4079	1EA.														

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY. | -0 | -1 | -8 | -9

REPLACES [redacted] APPROVED 1-31-38 DATE

REPLACED BY .10 CALC. WT. J.B.J. ACT. WT.

1/64 LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED ±ALS 12"-1'-0"

A C				MACHINE / OXWELD
NAVY NOTED	NOTED	90,000 TO 125,000 #/□"	SB-CP	6-29-43 / MOFFETT RING
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT / CHECK / EXAM. / ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

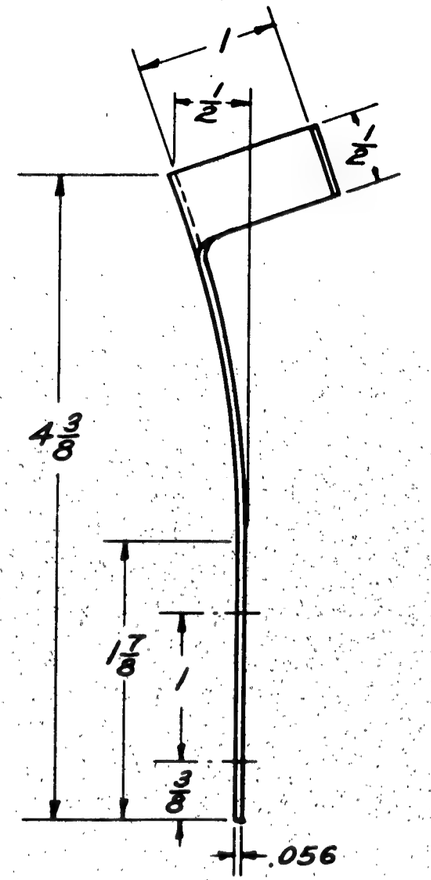
NAME FITTING - FURN. - LOWER ATTACHMENT REAR ENTRANCE LADDER

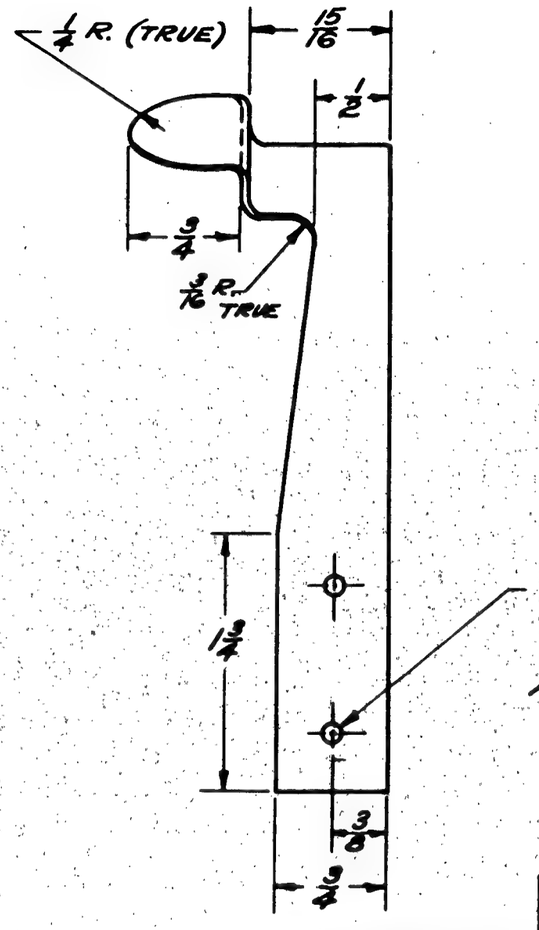
OPP. HAND

DWG. B SIZE 28F2259

PRINTED ON "IMPERIAL" TRACING CLOTH
K & E CO., N. Y.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-1-38	[redacted]





*30(.128) DRILL
2 HOLES

ALL BEND RADII - 3/32

FINISH CODE

	PBY-5B	28F4079	1																
	PBY-5A	28F4078	1																
	PBY-4	28F3095																	
	PBY-3	28F3095																	
	PBY-2	28F2127																	
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.														

A C				J.C. MINER		C.H.	
NAVY SPRING STEEL	47S15	SPRING TEMP.	C - BAKE	7-1-37		MAFFATT	R.
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

REPLACES	[redacted] APPROVED	2-1-38 DATE	
REPLACED BY	.07 CALC. WT.	ACT. WT.	
LIMIT ON DIMENSIONS UNLESS + OTHERWISE SPECIFIED 1/32 −	12"=1'-0" SCALE		

[redacted]

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME
SPRING - FURNS. - ENTRANCE LADDER GUARD

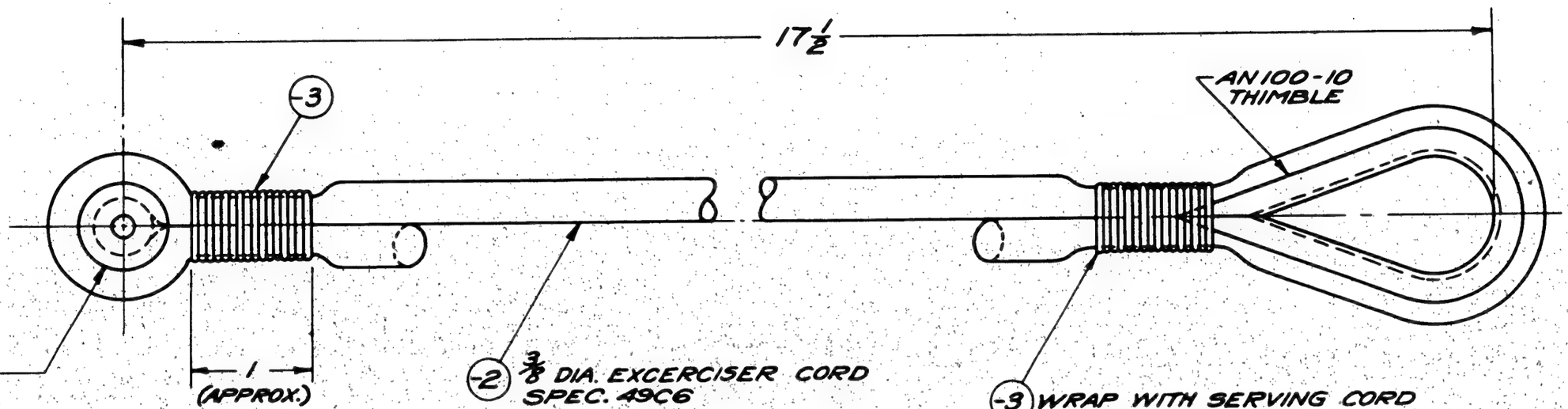
OPP. HAND

DWG. B SIZE

28F2261

PRINTED ON "NATIONAL" TRACING CLOTH
[illegible]

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	2-1-38	[redacted]
D	ADDED NOTE: "NOTE: 28F2263 IS -- 28F6968"	3-12-38	[redacted]



(D)

NOTE: 28F2263 IS AN INTERCHANGEABLE ALTERNATE FOR 28F6968.

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PBY-6B	28F2174	1												
	PBY-5A	28F2174	1												
	PBY-4	28F2174-10					17C217	1							
	PBY-3	28F2174-30					-3	2							
	PBY-2	28F2174		AN100-10	1		-2	1							

REPLACES	APPROVED	DATE
	XLW	6-30-37
REPLACED BY	CALC. WT. .06	ACT. WT.
LIMIT ON DIMENSIONS UNLESS + OTHERWISE SPECIFIED −	SCALE 12"=1'-0"	

REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.
A C		WEIR
NAVY NOTED	NOTED	NONE
MATERIAL	SPEC.	HEAT TREAT
	NONE	
	FINISH	
	DRAFT: 6-30-37	CHECK
		EXAM. CN.
		ENG. MOFFATT R.

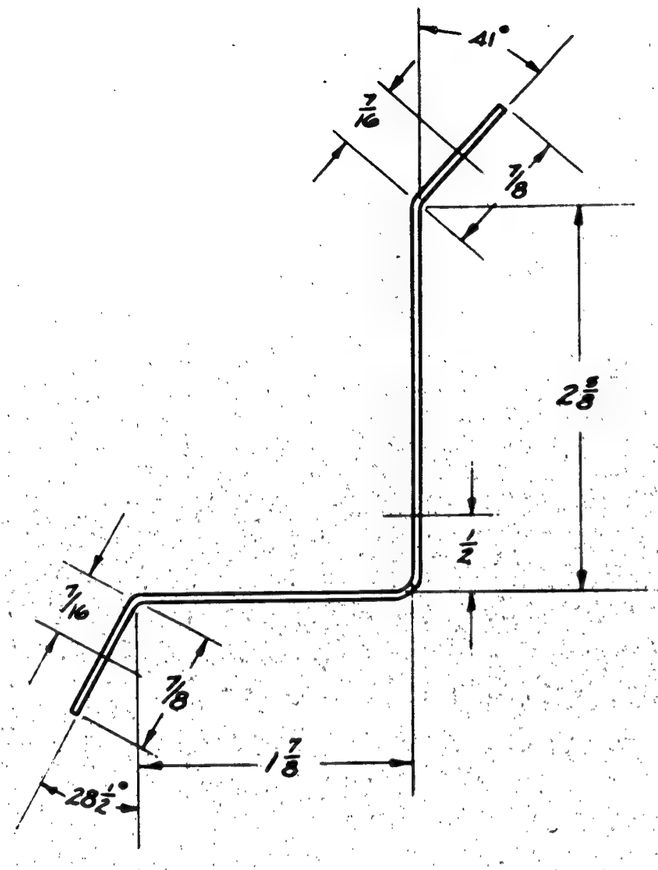
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

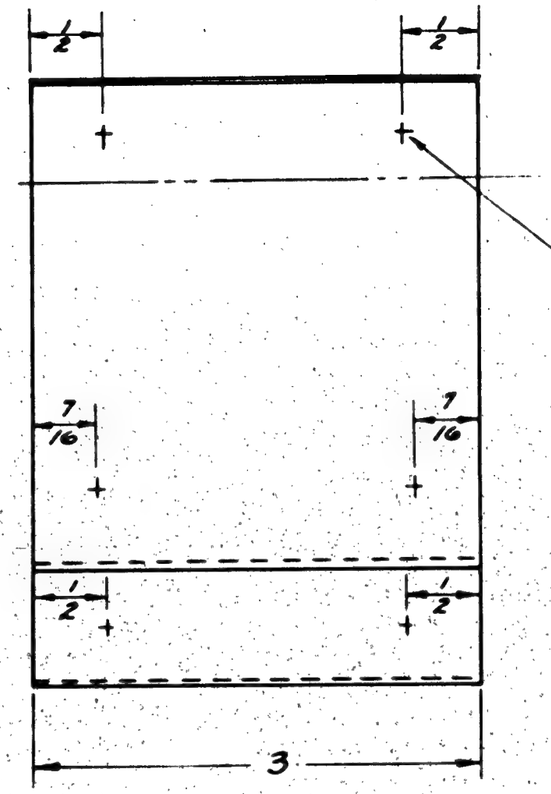
NAME CORD ASS'Y. - FURNS. NAV. SEAT STOWAGE

OPP. HAND

DWG. B SIZE 28F2263

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-31-39	MPDunphy





PRICK PUNCH 6 PLACES

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP- GREEN PRIME

BEND RADII TO BE 1/8

REPLACES	RCW 7-2-37 APPROVED DATE
REPLACED BY	.10 CALC. WT. ACT. WT.
1/32 & 1/2° LIMIT ON DECIMALS WHERE NO OTHERWISE SPECIFIED	12"=1'-0" SCALE

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PBY-5B	28E2025	1														
	PBY-4	28E2025															
	PBY-3	28E2025															
	PBY-2	28E2025															

REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.
A C NAVY .051 IN. ALLOY SHEET (2A5T)	ANAD COND T	NONE
MATERIAL	SPEC.	HEAT TREAT

Z-P-2 GP	7-2-37			
FINISH	PREPARED WORTH	CARLSON	MOFFITT	KING
	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME SUPPORT-FURN- AUX. POWER UNIT FLOAT CHAMBER

OPP. HAND

DWG. B SIZE

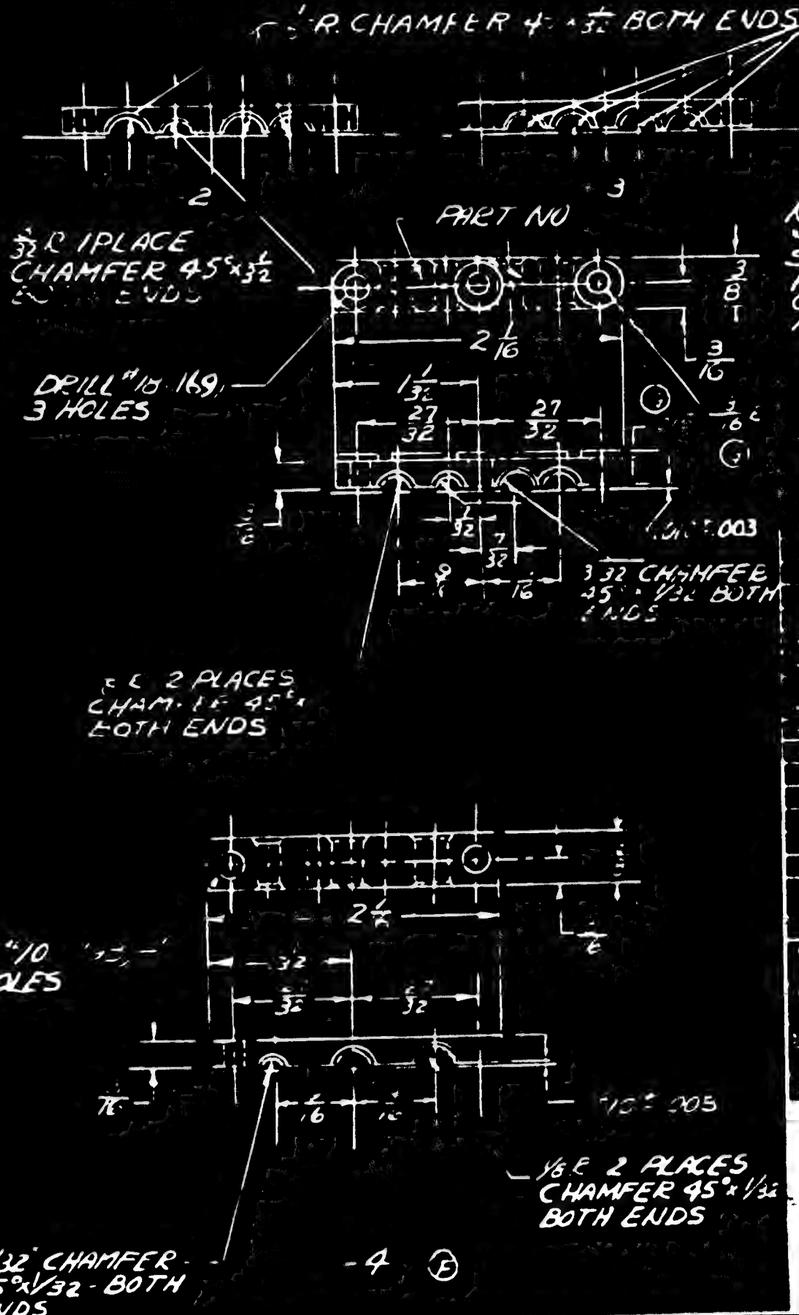
28F2264

PRINTED ON "IMPERIAL" TRACING CLOTH

E TRACED 3-20-43 YOUNG
F CREATED 4 ASSY. RE-VISED REQ'TS. PER AIRP. PLANE BLK. WGT. CHG. NEG.
G ADDED 3 - E - 5 DIM., PART NO. & NOTE; WGT. CHG. NEG.
H IN REQTS/AIRP. BLK REMOVED 4, 28-5-AMN, 28F2016 (4 REQ.)# 4, PBY5A, 28F2016 (4 REQ.) WGT. CHG. NEG. 4-43 SHELTON

E O # A 23582

E O A-26167



NOTE
"PART NO. TO BE ON TOP SIDE. IF RAISED, SCREW HOLES TO HAVE 1/16 ROUND OR SQUARE BOSSES AS HIGH AS FIGURES.

-3	28-5MA	28F2016	1					
-3	PBY-5B	28F2016	4					
-3	PBY-5A	28F2016	4					
-3	PBY-5	28F2016	4					
-2	28-5AMC	28F2016	6	-2	28-5AMN	28F2016	8	NOTE: DO NOT PAINT TUBE HOLES.
-2	28-5MN	28F2016	6	-0	28-5AMN	28F2016	2	
-2	28-5ME	28F2016	8	-4	28-5AMN	28-0-5000	4	* OPTIONAL METHOD OF MANUFACTURE
-2	28-5MC	28F2016	8					
-2	28-5MA	28F2016	8	-4	PBY-5B	28-0-5000	4	
-2	PBY-5B	28F2016	4	-4	PBY-5A	28-0-5000	4	C-88476
-2	PBY-5A	28F2016	4	-4	PBY-5A	28-0-5000	4	(#77713 - HULL) #495 E.O.N
-2	PBY-5	28F2016	4	-4	PBY-5	28-0-5000	4	C#31876
-0	28-5AMC	28F2016	2	-3	28-5AMN	28F2016	4	
-0	28-5MN	28F2016	2	-3	28-5AMC	28F2016	4	
-0	28-5ME	28F2016	2	-3	28-5MN	28F2016	4	
-0	28-5MC	28F2016	2	-3	28-5ME	28F2016	4	
-0	28-5MA	28F2016	2	-3	28-5MC	28F2016	4	
-2	PBY-5B	28F2016	4					
-2	PBY-5A	28F2016	4					
-2	PBY-5	28F2016	2					
-2	PBY-4	28F2016	2					
-2	PBY-3	28F2016	2					
-2	PBY-2	28F2016	2					

ASSY. PART NO. | MODEL | NEXT ASSY.
REQUIREMENTS PER AIRPLANE
REPLACES 013
REPLACED BY
STAMP PART NUMBER WHERE SHOWN

MATL. ALUM. ALLOY DIE CSTG. ALCOA ALLOY #85 (32,000 #/□" TEN.) OR ALCOA ALLOY #13 (33,000 #/□" TEN.) - SPEC: AN-QQ-A-366

FINISH - P27 PRIMER GREEN PRIME

MATERIAL	SPEC	(IN.) (MM.) REQ	(IN.) (MM.) REQ	(IN.) (MM.) REQ	(IN.) (MM.) REQ
PARTS REQ'D PER ASSY		-0	-2	-3	-4

FREE WATER
NONE
P-2GF
7-28-37 7-26-37
DRAWN CHECKED

NAME CLIP (BONDING) - FURNS - FUEL OIL EMERGENCY FOLD PRESS. LINES
CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF.
CPP MARK
DWG B 28F2270

U.S. FILE

K

MATERIAL MAY BE:

(F) 1.- AL. ALLOY CASTING 195T4, SPEC. AN-QQ-A-390 CL I, T.S. 29,000 P.S.I. OR

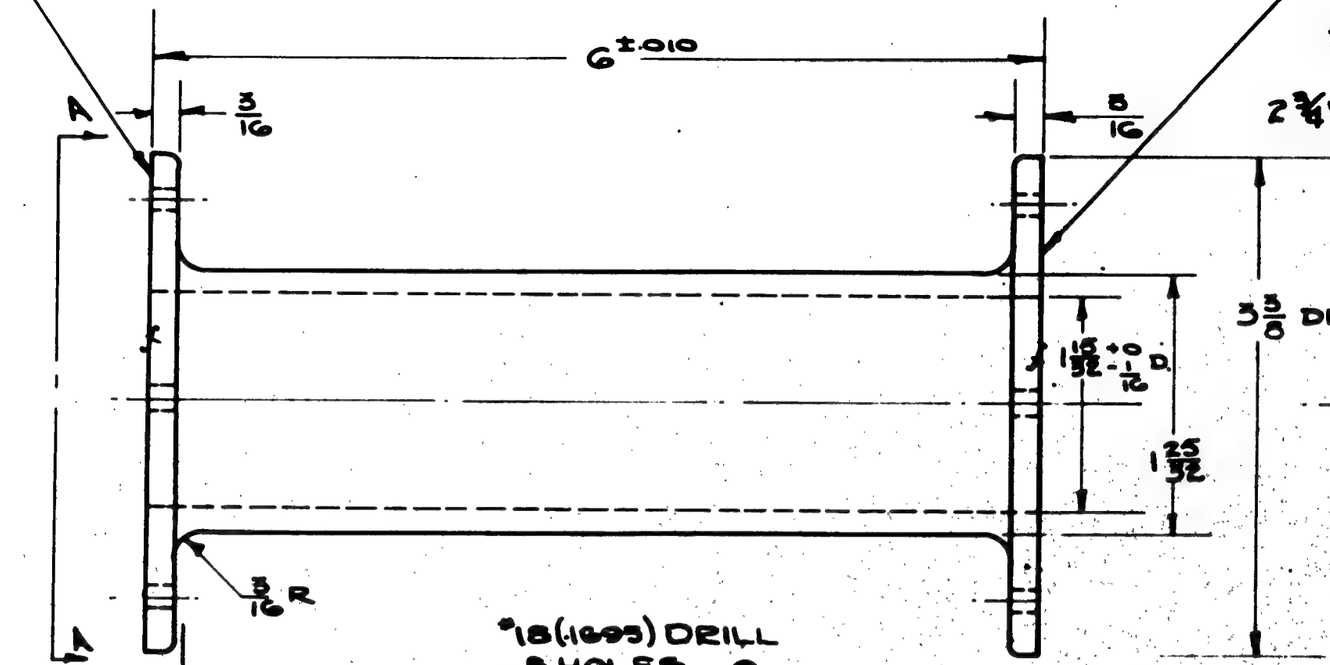
2.- AL. ALLOY CASTING 5195T6, SPEC. AN-A-5 CL II, T.S. 32,000 P.S.I.

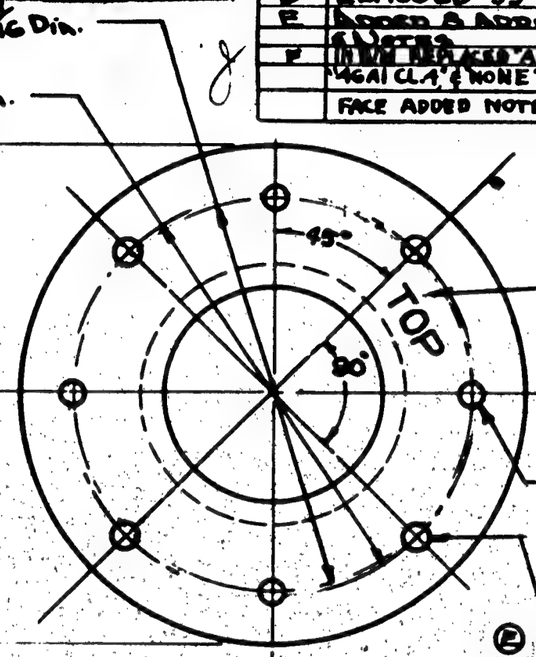
GP-GREEN PRIME

FINISH CODE
[redacted]

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-31-38	[illegible]
B	CHANGED DIM. FROM R 11/16 TO 2 1/4 R FOR -55 M.S.S.Y. ADDED -55 M.S.S.Y. FOR PARTS	11-17-38	[illegible]
C	ADDED NEXT ASSY. 28E1011	4-11-40	P.D. [illegible]
D	REMOVED -32 ASSY. IN BILL & DRWG.		
E	ADDED 6 ADDITIONAL HOLES (Notes)		
F	IN MAT. REPLACED "AL. ALLOY CASTING" "4GA1 CL A, & NONE" WITH "NOTED." TO		
	FACE ADDED NOTE. NO WT. CHG.	8-23-43	HODIK

ROUGH MACHINE BOTH ENDS





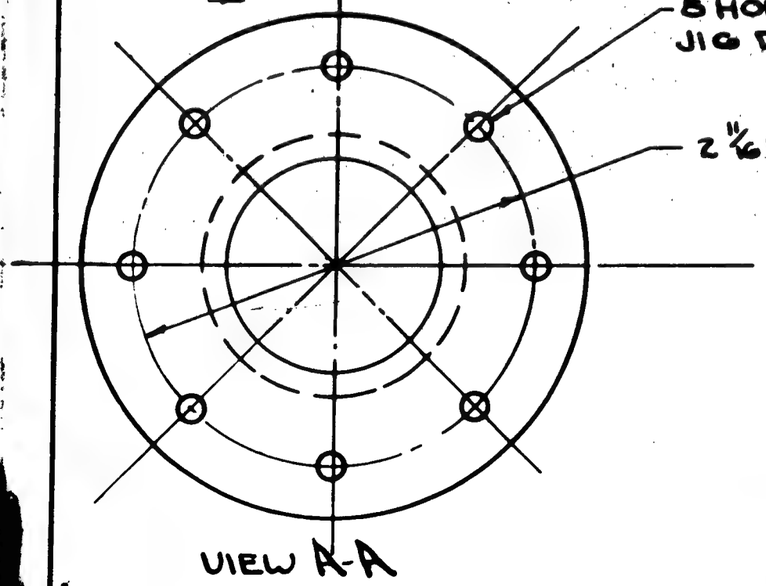
STAMP "TOP" ON THIS SIDE

DRILL #18 (1695) 4 HOLES EQUALLY SPACED ON 2 11/16 DIA. BOLT CIRCLE

(E) DRILL #18 (1695) 4 HOLES EQUALLY SPACED ON 2 3/4 DIA. BOLT CIRCLE

#18 (1695) DRILL 8 HOLES JIG DRILL (E)

2 11/16 Dia.



VIEW A-A

NOTE: BOLT HOLES, TOP & BOTTOM, MUST BE IN SAME VERTICAL PLANE

(C) (B) 1-35 36 4 ON

	PBY-5A	28F5025	6																		
	PBY-5	28F1011	6																		
	PBY-4	28F1011																			
	PBY-3	28F1011																			
	PBY-2	28F1011																			
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.

REPLACES	APPROVED [illegible]	DATE 11-8-37	
REPLACED BY	CALC. WT. .60	ACT. WT.	
LIMIT ON DECIMALS UNLESS OTHERWISE SPECIFIED ±	SCALE 12"=10"		

[redacted]

REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.
A C		
NAVY NOTED	NOTED	NOTED / Z-P-28P
MATERIAL	SPEC.	HEAT TREAT / FINISH

Hoover		Cn.	
11-8-37		Maloney	R
DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. NO. WHERE SHOWN

NAME ADAPTOR - FURN. RADIO TRANSMITTER SUPPORT BASE

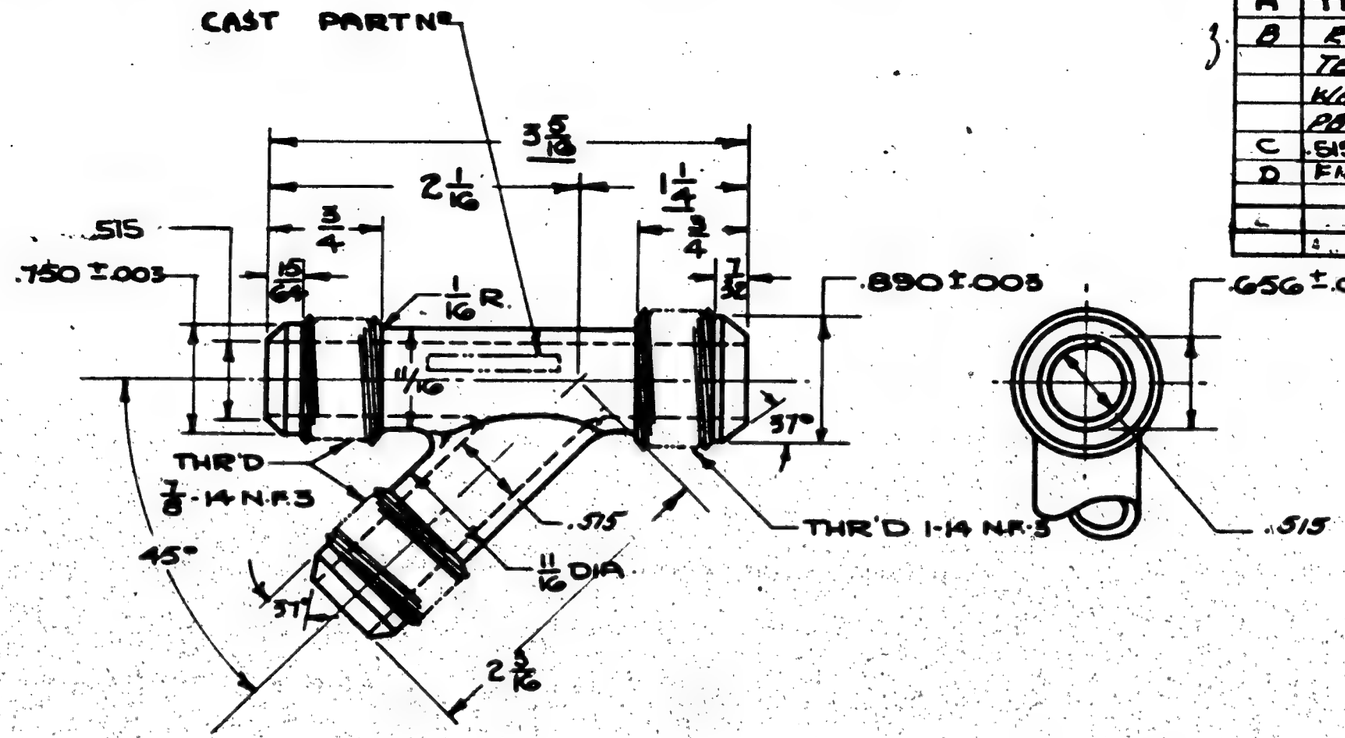
OPP. HAND

DWG. B SIZE 28F2279

28F2279

PRINTED ON "IMPERIAL" TRACING CLOTH K & E CO., N. Y.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-1-38	E.J. FUNK
B	REMOVED -2 & -3; WELD &		
	TEST NOTES. MATERIAL		
	WAS BAR STOCK. ADDED		
	PBY-5 REQ.	9-6-40	M'F'D.
C	.515 WAS .640 ± .005	6-10-40	Rogers
D	FINISH 2CL WAS 2P & C R		F
	NO WT. CHG.	8-22-42	FUNK



FITTING TO CONFORM WITH SPEC. M-534 AS APPLICABLE

MATERIAL : ALCOA #13 DIE CASTING SPEC. 46AM CLASS 1

(D)

CL=CLEAR LACQUER

FINISH CODE	
Z	[illegible]
P	P-07 PRIMER
[illegible]	[illegible]
C	[illegible] PLATE

	PBY-5B	28F2193	1																				
	28-5AMCDAMN	"	1 EA.																				
	28-5MCE MN	"	1 EA.																				
	28-5MAD MC	28F2192	1 EA.																				
	PBY-5A	28F2193	1																				
	PBY-5	28F2193-[illegible]	1																				
	PBY-4	28F2193-[illegible]																					
	PBY-3	28F2193-[illegible]																					
	PBY-2	28F2193																					
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.						

REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.
AC		
NAVY NOTED	NOTED	NONE — 2QL
MATERIAL	SPEC.	HEAT TREAT — FINISH

DRAFT	CHECK	EXAM.	ENG.
11-12-37	11-12-37	C.M.	
[illegible]		[illegible]	R.M.

REPLACES	APPROVED	DATE
	[illegible]	2-1-38
REPLACED BY	.18 CALC. WT.	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±	12"=10" SCALE	

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP FT. NO. WHERE SHOWN

NAME TEE-FURNS-DEICER EXHAUST LINE SPECIAL

OPP. HAND —

DWG. B SIZE

28F2287

ENGINEERING INFORMATION:
USE WITH THIS FITTING
N.A.F. 213690-10D
N.A.F. 213690-12D

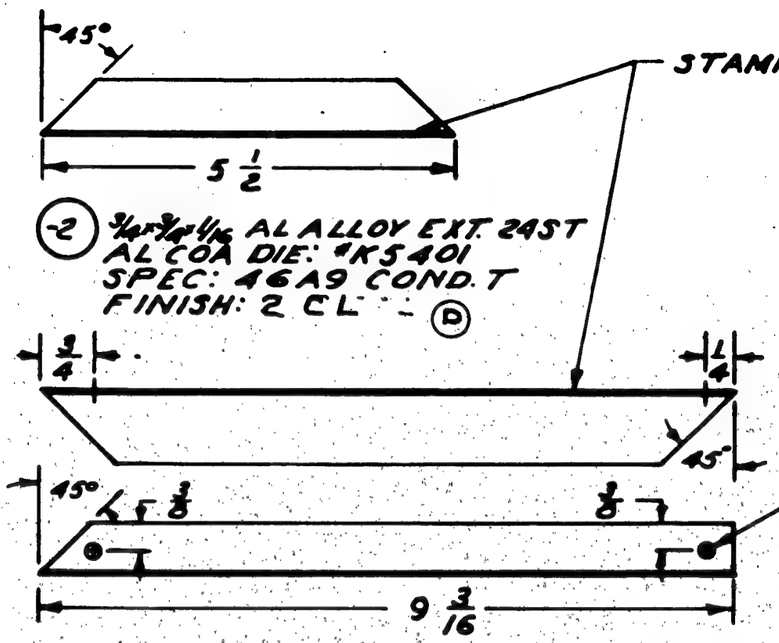
PRINTED ON [illegible]

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	3-2-38	NIKLAS
C	ADDED -5 CLIP FOR 1" HEX.	11-9-40	Nowak
D	FINISH 2CL FOR -2 WAS 2R2		
	AL; FOR -3, -4 & -5 WAS 2-R28		
	AV. NO WT. CHG.	8-22-42	FUNK

CL = CLEAR LACQUER

FINISH COLS	
Z	CHROMIC TREATMENT
P	PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

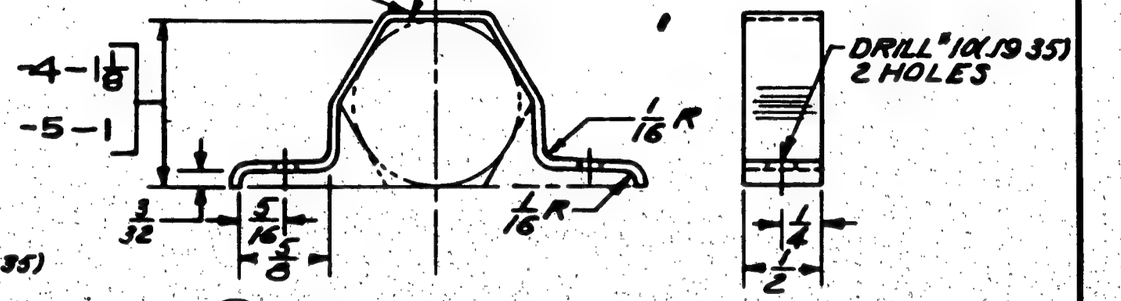
(D)



(-2) 3/4 x 3/4 x 1/16 AL ALLOY EXT. 24ST
AL COA DIE: #K5401
SPEC: 46A9 COND. T
FINISH: 2 CL (D)

(-3) 1-3/4 LO TO AL ALLOY EXT 24ST
AL COA DIE #1200
SPEC: 46A9 COND T
FINISH: 2 CL (D)

-4 CLIP TO FIT 1 1/8 HEX.
-5 CLIP TO FIT 1" HEX.



(-4) .064 AL ALLOY SHEET 2430
SPEC: 47A10 COND. A
(-5) H.T. SR 53 COND T
FINISH: 2 CL (D)
SCALE: 12" = 1'0"

-4	PBY-5B	28F2193	1																						
-3	PBY-5B	28F2193	1																						
-2	PBY-5B	28F2190	4																						
-4	28-SMA, MC, ME	28F2193	1 EA																						
-3	28-SMA, MC, ME	28F2193	1 EA																						
-2	28-SMA, MC, ME	28F2190	1 EA																						
-4	28-SMA, MC, ME	28F2193	1 EA																						
-3	28-SMA, MC, ME	28F2193	1 EA																						
-2	28-SMA, MC, ME	28F2190	1 EA																						

-4	PBY5156A	28F2193	1EA																						
-3	PBY5156A	28F2193	1EA																						
-2	PBY5156A	28F2190	4EA																						
-4	PBY-3	28F2193-3	2																						
-3	PBY-3	28F2193-1																							
-2	PBY-3	28F2190-1																							
-4	PBY-2	28F2193																							
-3	PBY-2	28F2193																							
-2	PBY-3	28F2190-1																							
-2	PBY-2	28F2190																							

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.												

REPLACES

REPLACED BY

APPROVED — DATE 8-2-38

CALC. WT. — ACT. WT.

LIMIT ON DIMS. UNLESS OTHERWISE ± 1/64

SCALE: 6"=1'0" [NOTED]

A C				11-26-37	11-29-37
NAVY	NOTED	NOTED	NOTED	NOTED	
	MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT / CHECK / EXAM. / ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME: BRACKETS-FURNS-DE-ICER TUBING

OPP. HAND

DWG. B SIZE 28F2288

LET	ALTERATION	DATE	BY
G	ON FACE OF DWG. MATERIAL " 8 OZ. DUCK		
	C.A.C. FAB. # 6-50 " WAS " DUCK COTTON		
	8 OZ. WATERPROOF " WT. CHG. NEG. 11-11-42 MOLL		

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-22-40	[illegible]
B	ADDED STENCIL NOTE & PAY-S REQ'MTS	1-30-40	HESS
C	17 WAS 17½, ADDED 1" D.M. CORRECTED SEC. A-A	3-6-40	KOUNS
D	CREATE -58 ASSY FOR MODEL PBY-5A	11-6-40	UTTER
E	CHG'D MAT'L FROM 20 OZ.		
	WATERPROOF TO 8 OZ.		
	WATERPROOF. W CHANGES	6-8-42	CLARK
F	ADDED -6 & 7 TO DWG & B/M.		
	NO WT. CHG	10-16-42	[illegible]

MATERIAL ~
8 OZ DUCK NAVY SPEC. 24D4
C.A.C. FAB. # 6-50 (E) (G)

NOTE ~
ALL DIMENSIONS ARE APPROX.
DETAILS OF STITCHING MAY VARY TO FACILITATE MFG.

EQ. AT ZERO (G)

(F)

(-7) FRONT 8½ X 12

17

12¾

9½

(F)

(-6) BACK 6X25

A.

B B

SNUBBING POST

½

½

3 APPROX.

2⅝

2⅝

A

STENCIL BLACK LETTERS
½ HIGH - 0 ASSY ONLY
-58 ASSY. ONLY "BOULDER"
INSTEAD OF "SNUBBING POST"

2⅝

2⅝

SECTION A-A

SECTION B-B

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	28-5AMN	28F4158	1												
	28-5AMC	28F4158	1												
	PBY-5B	28F2085	1												
	28-5ME	28F2085	1												
	28-5MMC	28F2085	1 EA.												
	PBY-5A	28F4158	1												
-58	PBY-5MAN	28F2085-58	1												
	PBY-5	28F2085	1												
	PBY-4	28F2085													
	PBY-3	28F2085					-7	1		1					
	PBY-2	28F2085					-6	1		1					
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.			0		58					

REPLACES	APPROVED	DATE
REPLACED BY	.22 CALC. WT.	.22 ACT. WT.
LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED	6" = 1'-0" SCALE	

AC							
NAVY NOTED	NOTED	NONE	NONE	3-17-37		[illegible]	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME BAG-FURN-SNUBBING POST-STOWAGE

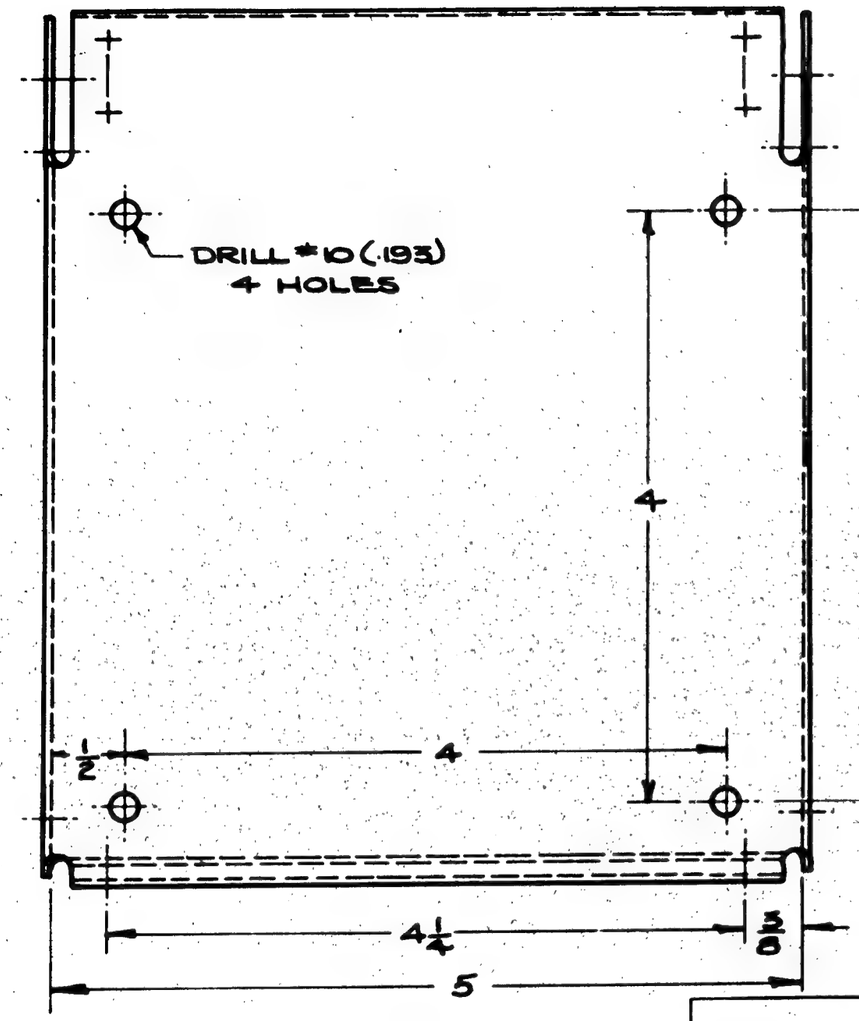
OPP. HAND

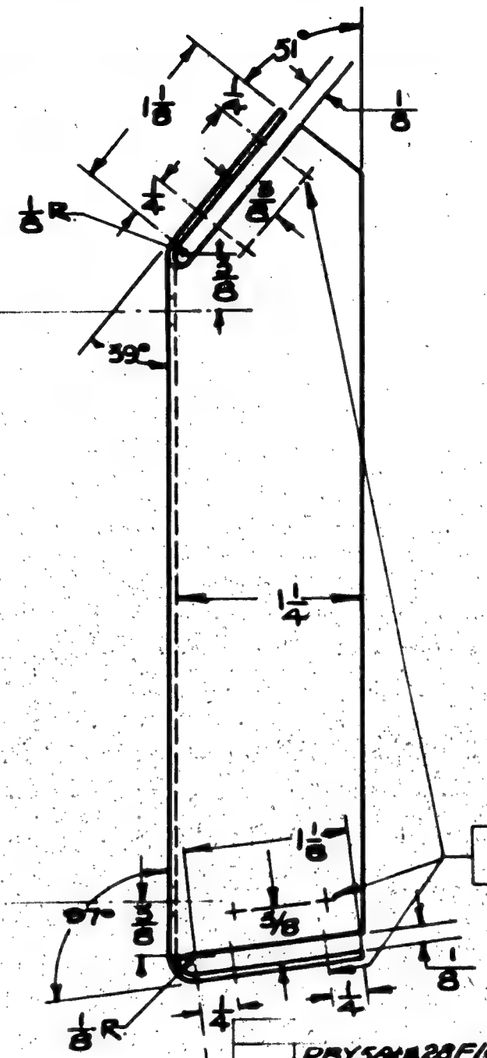
DWG. B SIZE

28F252

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	2-1-38	E.J.
C	CHG. ALLOY FROM 24ST TO 24S0.	11-1-41	

E.O. 18303





PRICK PUNCH - 16 PLACES
DRILL FOR AN442-D4 RIVETS
ON ASSEMBLY.

NOTE:
ALL BEND RADII 1/8

GP-GREEN PRIME

FINISH CODE	
Z	[redacted]
P	[redacted]
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

		PBY SAN A	28F1019	1 EA																	
		PBY-5	28F1019																		
		PBY-4	28F1019-30																		
		PBY-3	28F1019-30																		
		PBY-2	28F1019-15																		
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.		
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.																
A C							GP		4-14-37			CH.									
NAVY .061 AL	ALLOY SHEET	47A10 COND A (ALLOY 2450)		NONE			Z-P-2		HOLLAND	J.C.H.		HOFFATT		R							
MATERIAL		© SPEC.		HEAT TREAT			FINISH		DRAFT	CHECK		EXAM.		ENG.							

REPLACES	RCW 2-1-38 APPROVED DATE	
REPLACED BY	.03 CALC. WT.	ACT. WT.
.016 LIMIT ON DIMENSIONS UNLESS + OTHERWISE SPECIFIED −	12" = 10" SCALE	

[redacted]

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO WHERE SHOWN

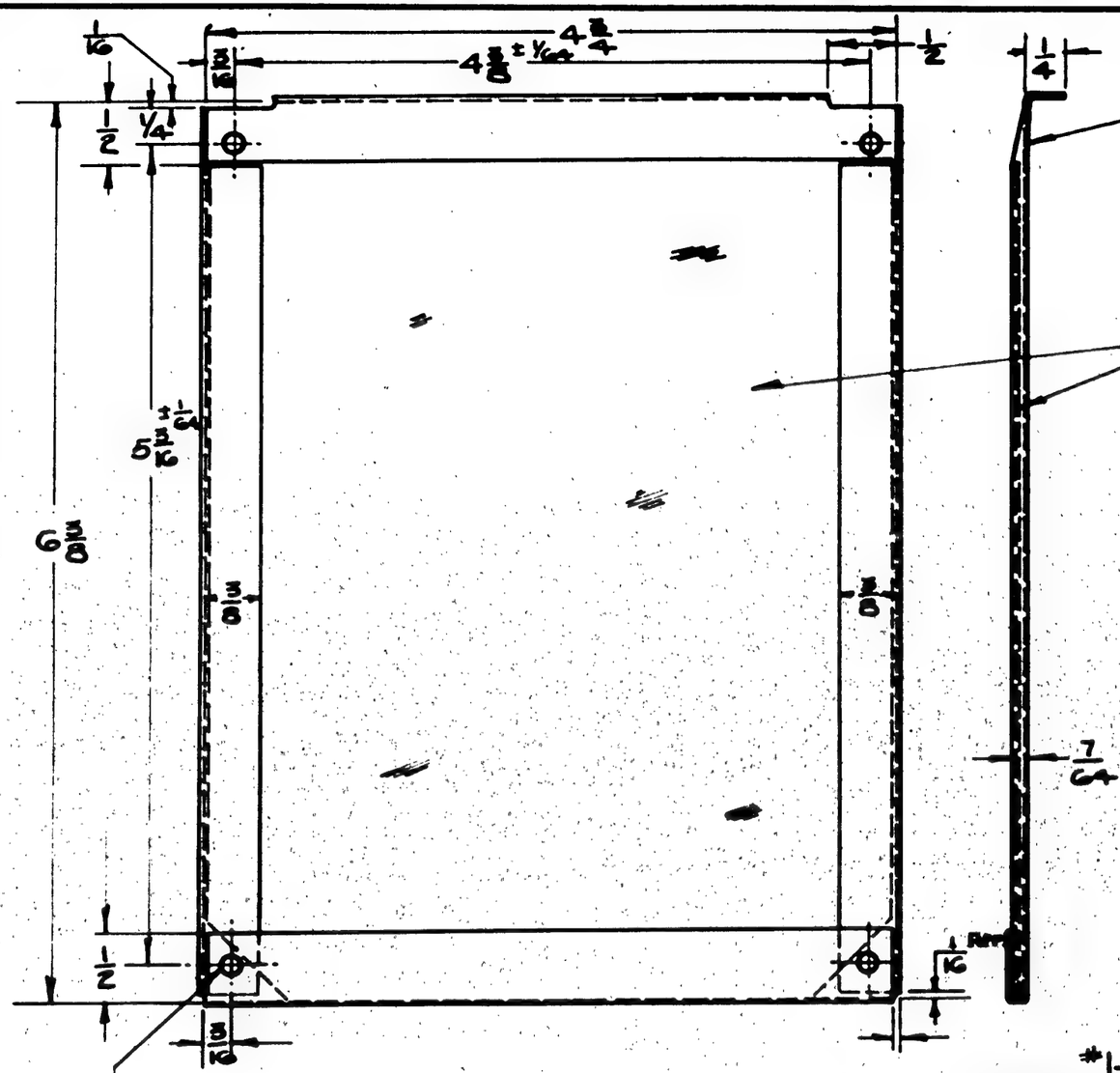
NAME BRACKET-ANTENNA LEADOUT REEL SUPPORT

OPP. HAND

DWG. B SIZE

28F3018

PRINTED ON "IMPERIAL" TRACING CLOTH

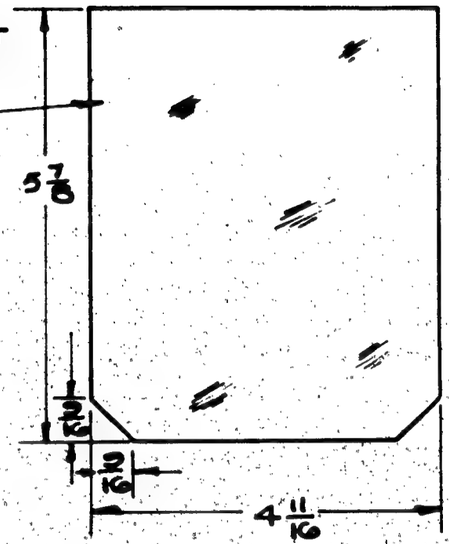


-2 .014 AL. ALLOY SHEET SPEC. 47A10 COND. T

C FIN.: Z-P-2 GP

BRAD PAINT ON BOLT HEADS R.H. ASSY

-3 TRANSPARENT SHEET 1/64" THICK SPEC. 55C5



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2738	W.J. BOWMAN
B	CHANGED DRILL SIZE TO #30 (.128) WAS #19 (.166)	12-20-38	BOWMAN
C	-2 WAS SPEC. 47A10 COND. A, N.T. 3R53; BECOMES SPEC. 47A10 COND. T, H.T. REMOVED	1-11-41	R.W. MAN

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP- GREEN PRIME

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PBY-5B	28F295	1														
	PBY-5	28F295															
	PBY-4	28F295-12															
	PBY-3	28F295-11					-3	1									
	PBY-2	28F295-10					-2	1									

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES — APPROVED DATE: LAM 1-1-38

REPLACED BY — CALC. WT. .12 — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 12" = 1'0" & 6" = 1'0"

[redacted]

A C				DRAWN		CH.	
NAVY NOTED	NOTED	NOTED	NOTED	1-17-38		[illegible]	R
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. NO. WHERE SHOWN

NAME HOLDER — MECH'S CHECK-OFF LIST CARD

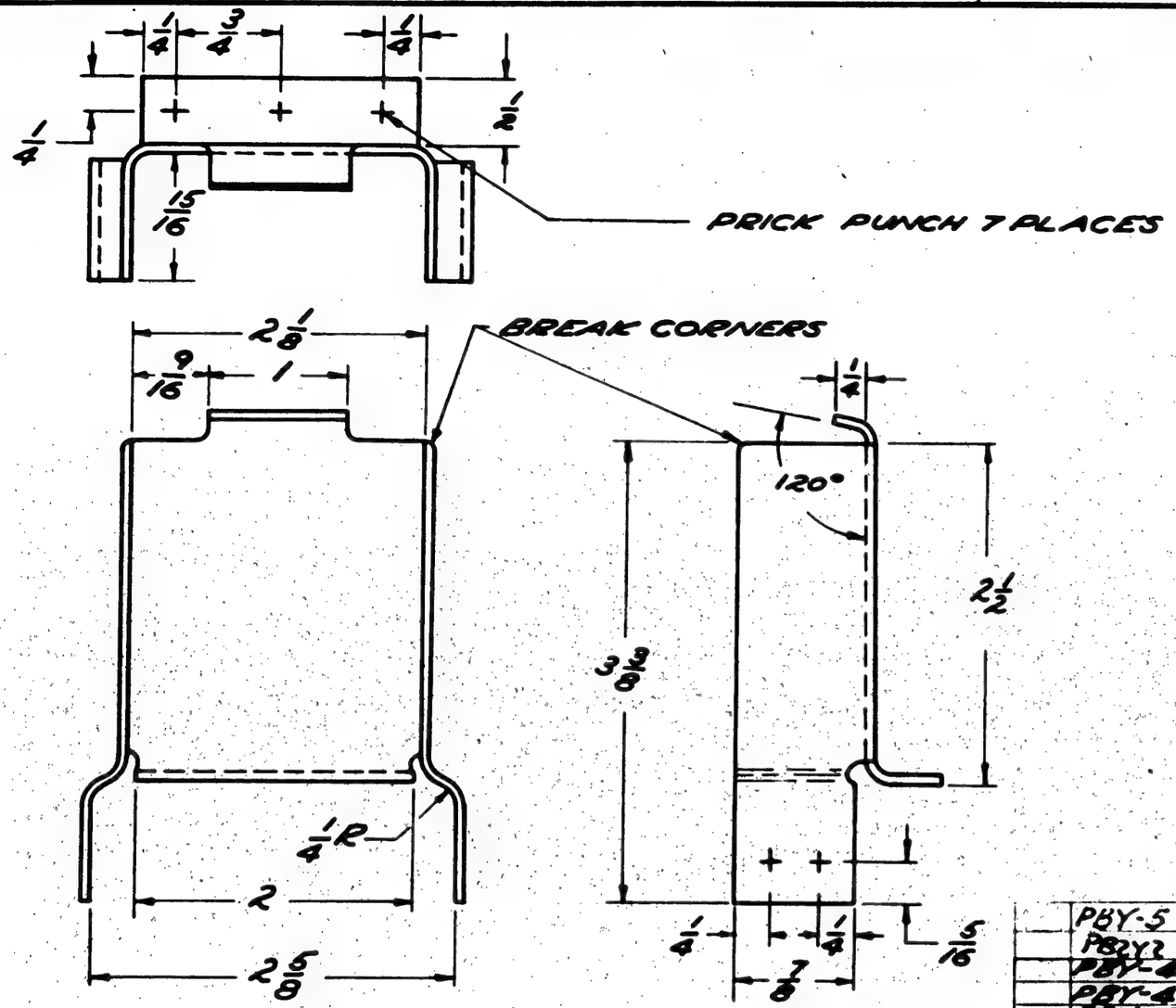
OPP. HAND

DWG. B SIZE 28F3020

#1-167

TR

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	9-23-38	[redacted]
B	MATL. 2450 WAS 2457 ; SPEC.		
	47A10 COMP. "A" WAS 47A10 Comp. "T"	11-4-42	[redacted]



BEND RADII 1/8 EXCEPT AS NOTED

	PBY-5	28F3025	16	SHIPS 2289 TO 2313 ONLY																			
	PBY-5	29F1900	2																				
	PBY-4	"	-4																				
	PBY-4	"	-3																				
	PBY-4	"	-2																				
	PBY-3	"	-4																				
	PBY-3	"	-3																				
	PBY-3	[redacted]																					
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH	RH	PART NO.	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH
					REQ.			REQ.		REQ.		REQ.		REQ.		REQ.		REQ.		REQ.		REQ.	
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.																		
A C (B)		(B)														12-15-36			HWM				
NAVY: 06 AL. AL. (24 S.O.)		47A10 COMP A		NONE			Z-P27									Sammy				K			
MATERIAL		SPEC.		HEAT TREAT			FINISH									DRAFT		CHECK		EXAM.		ENG.	

REPLACES	[redacted] APPROVED	9-23-38 DATE
REPLACED BY	.09 CALC. WT.	ACT. WT.
1/32 LIGHT ON DIMENSIONS UNLESS + OTHERWISE SPECIFIED −	12"=1'-0" SCALE	

[redacted]

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME
BRACKET-50 CAL. AMM MAG. STOWAGE LATCH

OPP. HAND

DWG. B SIZE

28F3026

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED	2-2-38	E.J.
E	PBZY-2 REQ'S ADDED	10-14-38	[illegible]
F	ADDED "TO MCR #255" LIMIT FOR PBY-5 & -5A NO INTERCHG	4-22-41	[illegible]

AN455-D4 7 PLACES EQUALLY SPACED BRAZIER HEAD ON BOTH SIDES

ROUND EDGES

START OF BEND

MCR # 255

-4 .081 ALCLAD SH'T. SPEC. 47 A 8 COND. T

-2 L.H. SHOWN .125 ALCLAD SHT. SPEC. 47 A 8 COND. T

-3 R.H. OPPOSITE

SECTION A-A

DRILL 4 3 HOLES

TR

TRUE

(F) TO MCR # 255

-R	PBY-5A	28F5030	2
-L	PBY-5A	28F5030	2
OH	MODEL	NEXT ASS'Y	REQ.
-R	PBY-5B	28F5030	2
-L	PBY-5B	28F5030	2

SEE RELEASE SHEET

O. H.	MODEL	NEXT ASSY.	REQ.
-0-1	PBY-6	28F5023	1 EA
-1	[illegible]	[illegible]	
-1	APBZY-1	28F5030	
-0	XPBZY-1	28F5030	
-1	[illegible]	28F2069-20	
-0	[illegible]	28F2069-6	
-1	[illegible]	28F2069	
-0	[illegible]	28F2069	

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN455-D4			-4	2	2						
			-3		1						
			-2	1							

REQUIREMENTS PER AIRFLANE	MAT.	PARTS LIST PER ASSY.	—

REPLACES	APPROVED [redacted]	DATE 2-2-38
REPLACED BY	CALC. WT.	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED 1/64	SCALE 12"=1'0"	

AC				1-15-37	1-19-37	Carlson	
NAVY NOTED	NOTED	NONE	Z-P-28P				
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

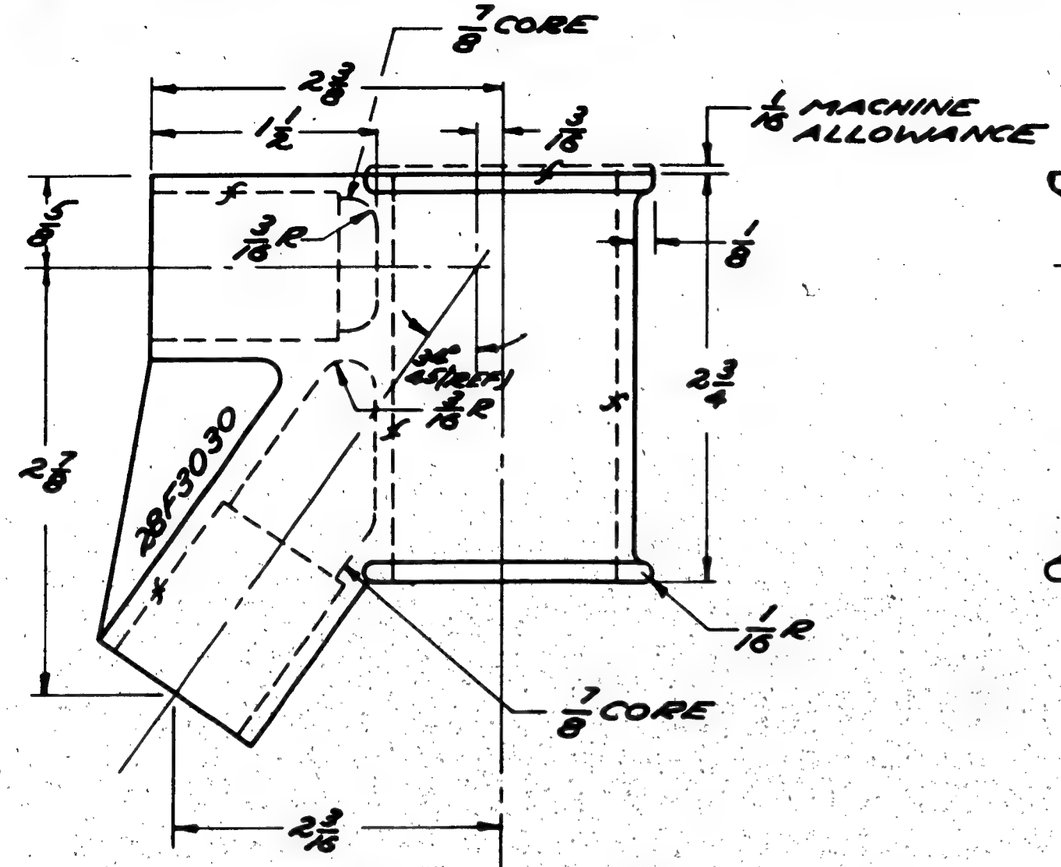
NAME BRACKET-FURNS SEAT SAFETY BELT

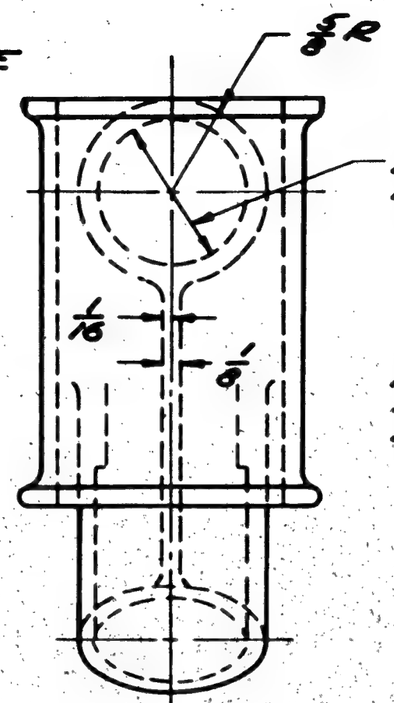
OPP. HAND 28F5027-L

DWG. B 28F3027

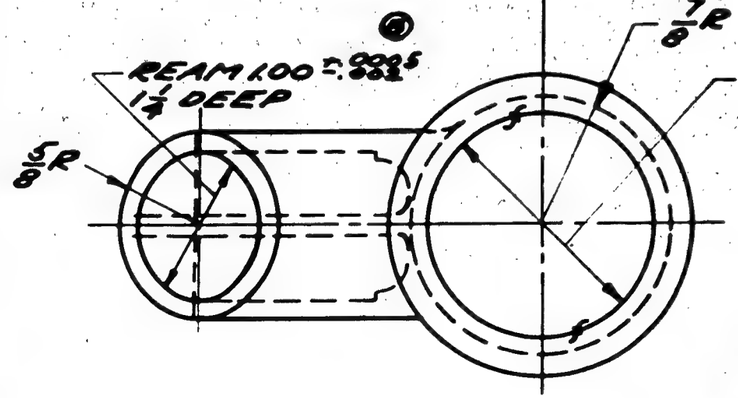
36	PBZY-3	AN3128-2 3/8	2	
35		AN3128-0 4/8	2	
34		28F3027-2	1	
33		AN4837-0	4	
32		28F3027	1	
31		AN3004-3	1	
30		AN3015-0	1	
29		28F3001-3	1	
28		28F3001-2	1	
27		28F3001-0	1	
26		[illegible]	4	

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	3-22-38	[illegible]
B	1.00 +.0005 -.002 WAS 1.00 +.005 -.005	9/22/42	
	XB324-YB32 REQ ADDED	"	[illegible]
	1.500 +.0005 -.001 WAS 1.505 +.005 -.001	"	"





NOTE
ALL RADII & FILLETS 1/8 R
EXCEPT AS NOTED



* SEE RELEASES

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	ZB-3AM1	28F3031	1														
	PBY-5R	28F3031	1														
	YB32	28F3031	1														
	XB32	28F3031	1														
	PBY5A	28F3031	1														
	PB2Y-3	28F3031	1														
	PBY-4	28F3031															
	PBY-3	28F3031															

REQUIREMENTS PER AIRELANE — MAT. — PARTS LIST PER ASSY.

AC					3-19-37		
NAVY AL ALLOY CASTING	28A1 CL4	SR-53 2900°-0"	Z-P2 GP		LOCKHEED		MURRAY R
MATERIAL	SPEC.	HEAT TREAT	FINISH		DRAFT	CHECK	EXAM.	ENG.

REPLACES	APPROVED	DATE
	LCW	3-22-38
REPLACED BY	CALC. WT.	ACT. WT.
	.37	
LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED	SCALE	
1/32	12" = 1'-0"	

[redacted]

GP-GREEN PRIME

FINISH CODE	
Z	[illegible]
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

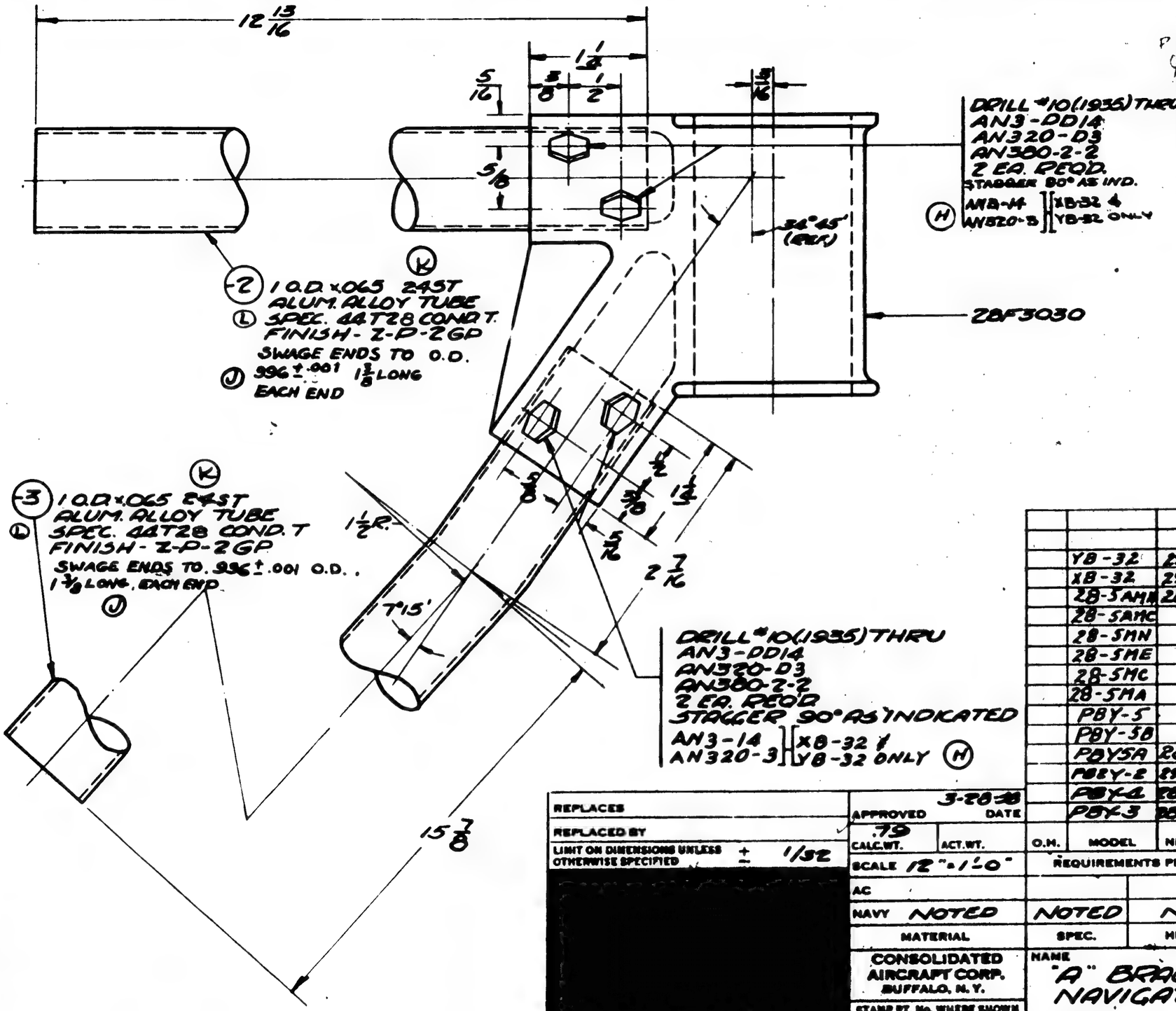
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME
SEAT SOCKET - FURN
NAV'S SEAT SUPPORT

OPP. HAND

DWG. B SIZE

28F3030



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
G	TRACED TO DATE	3-28-38	[illegible]
H	RPL'D. AN3-DD14 & AN320-D3		
	WITH AN3-14 & AN320-3 ON		
	XB-32 & YB-32 ONLY. REVISED		
	REQ. PER AIRPLANE & LOCK.	1	
	WT. CHG. NEG.	4-27-42	
J	SWAGE NOTES ADDED	9/23/42	
K	MAT'L. REQT. 24ST WAS 17ST. SPEC.		
	44T21 CONDT. FOR -24-3. NO WT. CHG.	10-16-42	
L	SPEC. 44T28 WAS 44T21 ADD WT. CHG.	10-28-42	

FINISH CODE

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE
G.P	GREEN PRIME

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	YB-32	29F1057	1						
	XB-32	29F1057	1						
	28-5AMH	28F2174	1						
	28-5AMC		1						
	28-5MN		1						
	28-5ME		1						
	28-5MC		1						
	28-5MA		1						
	PBY-5		1	AN320-D3	4				
	PBY-5B		1	AN3-DD14	4		28F3030		1
	PBY5A	28F2174	1	AN380-2-2	4				
	PBY-2	29F1057	1	AN320-3	4		-3		1
	PBY-4	28F2174		AN3-14	4		-2		1
	PBY-3	28F2174							

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED 3-28-38 DATE

CALC.WT. .79 ACT.WT.

SCALE 12"=1'-0"

REQUIREMENTS PER AIRPLANE

MAT. PARTS LIST PER ASSY.

AC

NAVY NOTED | NOTED | NONE | NOTED | DRAFT | CHECK | EXAM. G | ENG. R

MATERIAL | SPEC. | HEAT TREAT | FINISH

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME "A" BRACE - FURN. NAVIGATORS SEAT

OPP. HAND

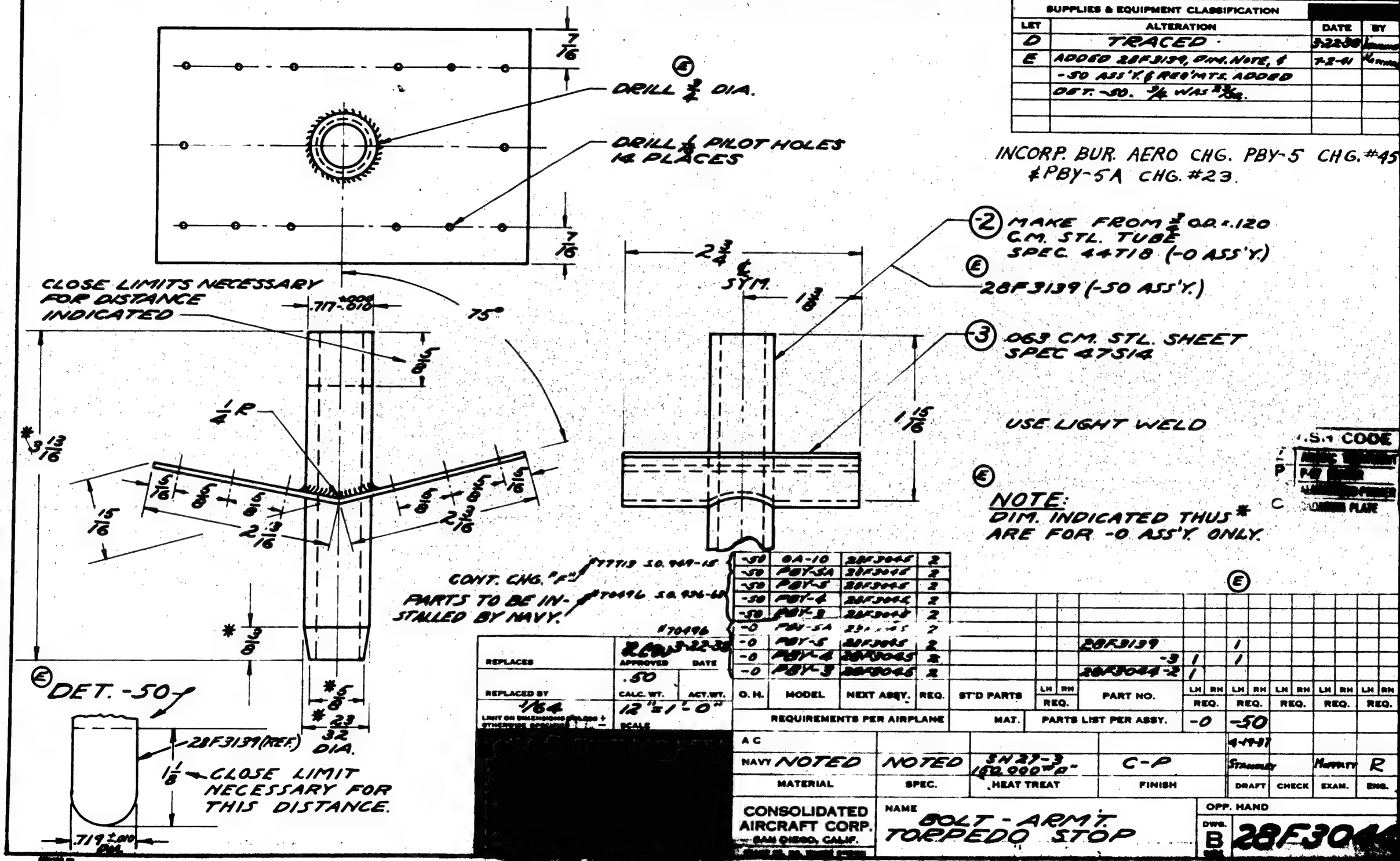
SIZE B

28F3031

SULLIVAN-SCHOEDSACK CO., INC. BUFFALO
NATIONAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED.	3-22-38	[illegible]
E	ADDED 28F3139, DIM. NOTE, &	7-8-41	[illegible]
	-50 ASS'Y. & REQ'MTS. ADDED		
	DET. -50. 3/4 WAS 23/32.		

INCORP. BUR. AERO CHG. PBY-5 CHG. #45 & PBY-5A CHG. #23.



(E) NOTE:
DIM. INDICATED THUS * ARE FOR -0 ASS'Y. ONLY.

CONT. CHG. "F" #77713 S.O. 949-15
PARTS TO BE INSTALLED BY NAVY. #70496 S.O. 936-41

REPLACES	#70496 APPROVED	DATE 3-22-38	
REPLACED BY	.50 CALC. WT.	ACT. WT.	
1/64 LIMIT ON DIMENSIONS NOT OTHERWISE SCRIBED ±	12" = 1'-0" SCALE		

-50	0A-10	28F3045	2																				
-50	PBY-5A	28F3045	2																				
-50	PBY-5	28F3045	2																				
-50	PBY-4	28F3044	2																				
-50	PBY-3	28F3044	2																				
-0	PBY-5A	28F3045	2																				
-0	PBY-5	28F3045	2					28F3139					1										
-0	PBY-4	28F3045	2						-3	1			1										
-0	PBY-3	28F3045	2					28F3044	-2	1													
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.			LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.					-0		-50											

A C					4-19-41		
NAVY NOTED	NOTED	SN27-3 180,000 lb/in²	C-P		Stanley		Murphy R
MATERIAL	SPEC.	HEAT TREAT	FINISH		DRAFT	CHECK	EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

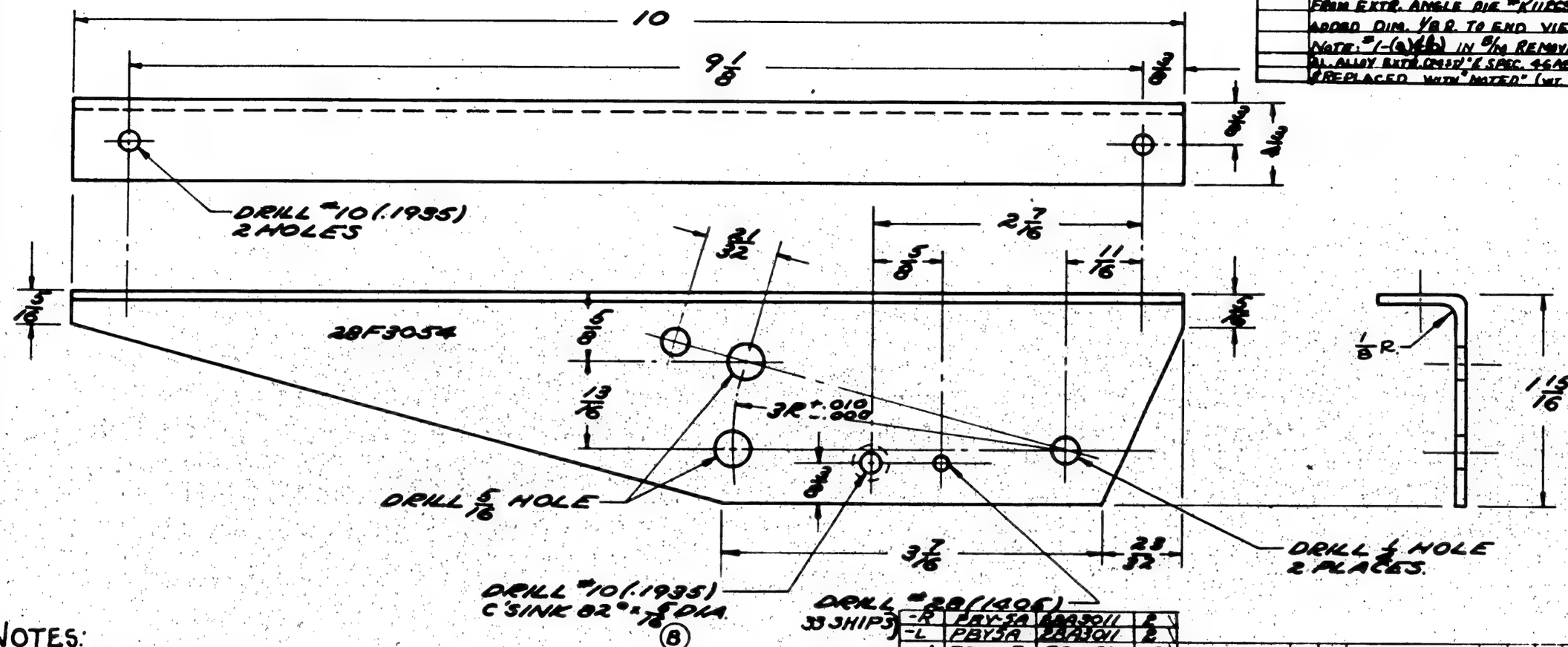
NAME BOLT - ARM'T. TORPEDO STOP

OPP. HAND

DWG. B

28F3044

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	3-2-38	
B	5/16 DIA. (82° C'SINK) WAS 13/16 DIA.	4-2-40	
D	ON FACE OF DWG., REMOVED NOTE "MADE FROM EXTR. ANGLE DIE "K11269" AND ADDED DIM. 1/8 R. TO END VIEW & NOTE. NOTE: "/-(a) (b) IN 6/M REMOVED MAT'L. "AL. ALLOY EXTR. (2S) T" SPEC. 46A9 COND. T. REPLACED WITH "MATED" (WT. CHG. NEG.)	3-5-43	



NOTES:

1- MAY BE MADE FROM

(a)-.091 X 2 7/8 X 10 1/8 ALCLAD(24ST) SPEC. QQ-A-362 COND.T.

(b)-K11269 EXTRUSION, SPEC. 46A9 COND.T.

2- J/G LOCATE ALL HOLES (SEE 28A30111)

-R	PBY-5A	28A30111	2
-L	PBY-5A	28A3011	2
-1	PBY-5	28A30111	2
	PBY-5	28A30111	2
-1	PBY-4		
	PBY-4		
-1	PBY-3		
	PBY-3	28A3011	

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.												
A C										46-37							
NAVY NOTED		NOTED		NONE		Z-P				DRAWN				CHECK	R		
MATERIAL		SPEC.		HEAT TREAT		FINISH				DRAFT		CHECK		EXAM.		ENG.	

REPLACES	APPROVED	DATE
REPLACED BY	.19 CALC. WT.	ACT. WT.
1/32 LIMIT ON MACHINING UNLESS ± OTHERWISE SPECIFIED	12"=1'-0" SCALE	

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

NAME FITTING - ARM'T TORP PROP STOP

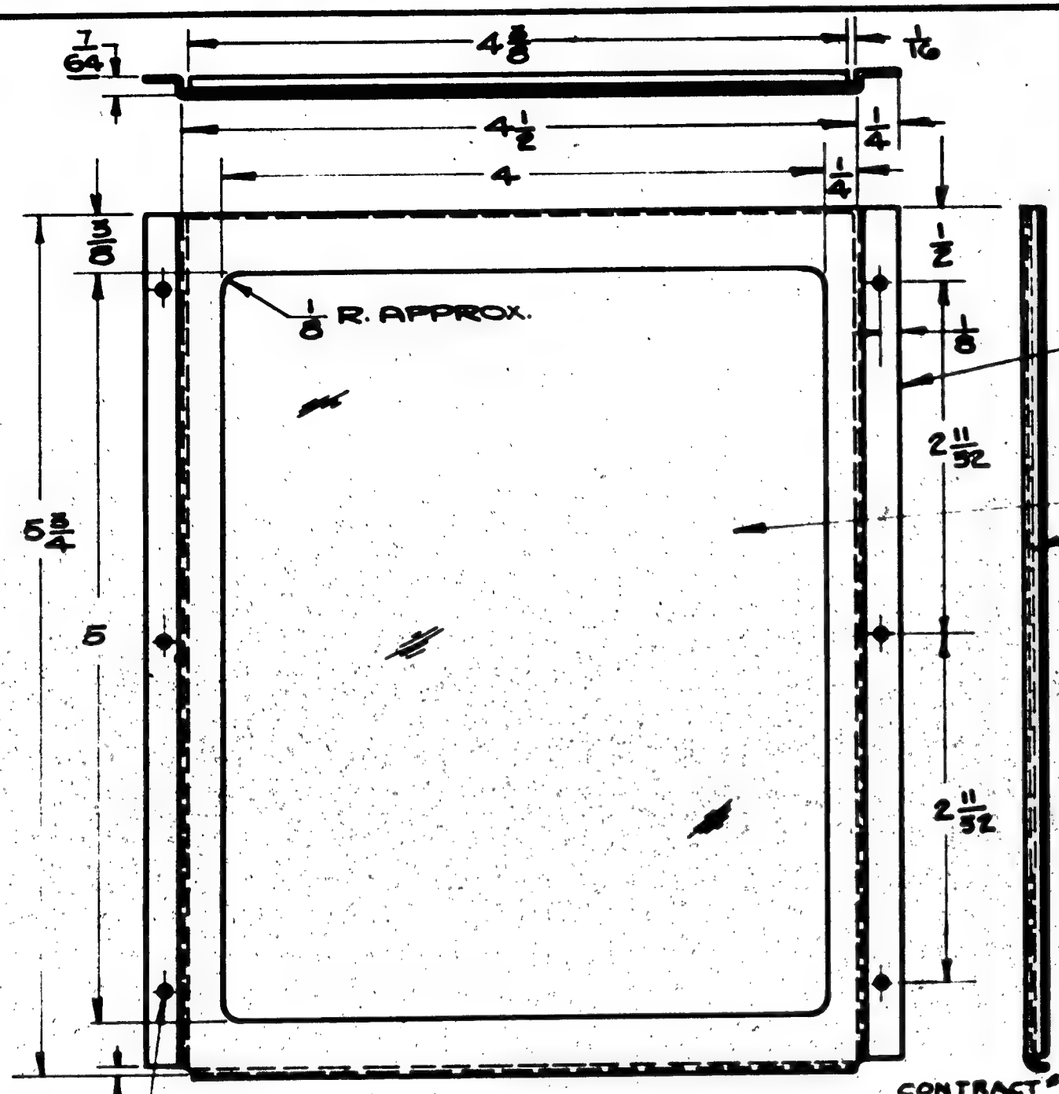
OPP. HAND 28B3054-1

DWG. B SIZE 28F3054

PRINTED ON "HAMMERMILL" TRACING CLOTH 8 4 1 Bk. U.S.A.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-2-38	[illegible]
B	SPEC. FOR -2 WAS 47A10 COND A	7-9-40	[illegible]
	& ADDED H.T. SPEC.		
C	REMOVED 28-5ME Rep'ts.	11-8-40	[illegible]
D	#14(.096) DRILL WAS 1/16(.0625) DRILL	8-8-41	[illegible]
E	#41(.096) WAS DRILL #14(.096)	8-30-41	[illegible]

E.O.C.



-2 .030 AL. ALLOY SHEET (B)
SPEC. 47A10 COND. A
FIN.: Z-P-2DBE

-3 TRANSPARENT SHEET — 5 5/8 × 4 5/8 × 1/64 THICK
(NON-INFLAMMABLE)
SPEC.: 35C5

NOTE: ALL BEND RADII TO BE 1/16

** SHIPS #0490 - #0496 INCL.
* SHIPS #0454 - #0489 INCL., #0497 - #0504 INCL.

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PBY-5A	28F5003	1														
	PBY-5	28F5003	1														
	PBY-4	28F3003-4															
	PBY-3	28F3003															
**	PBY-2	28F10410					-3	1									
*	PBY-2	28F2014					-2	1									

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES	APPROVED	DATE
REPLACED BY	.10 CALC. WT.	ACT. WT.
LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED 1/32	12"=1'0" SCALE	

A C				DWMN		CH.	
NAVY NOTED	NOTED	-2: SAE-53 (B)	NOTED	11-38		PROPERTY	R.
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

NAME HOLDER - FURNS. CHECK-OFF LIST CARD

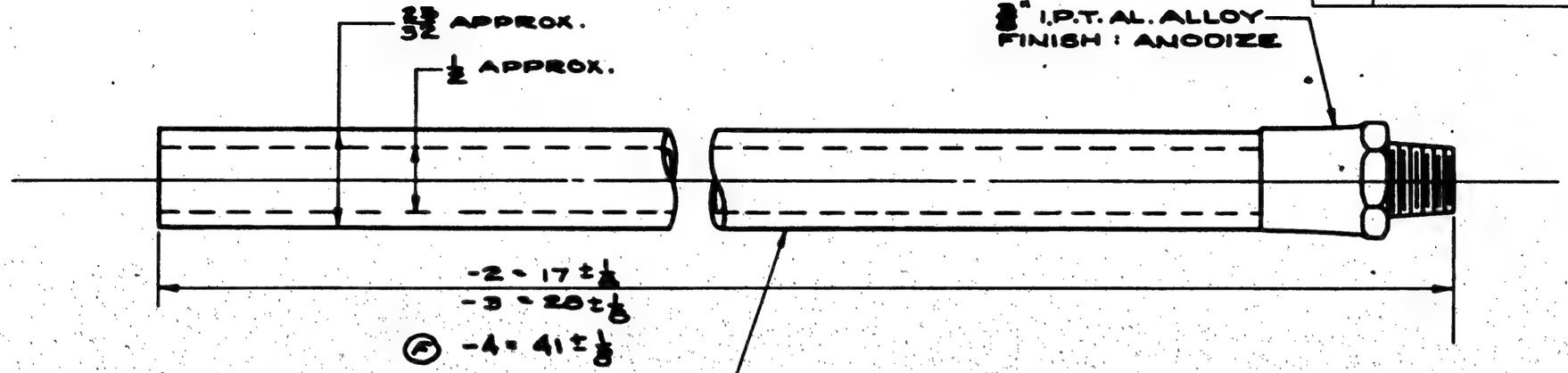
OPP. HAND

DWG. SIZE B 28F3089

NOTE :- HOSES FOR PBY-5 SHIPS #0842-#0851 INCL. SEE C.O. #6884
MADE OF
5/8 I.D. GOODRICH DE-ICER HOSE SPEC. COMM.
28F12GB HOSE NIPPLE
NAF 27842-2 CLAMP

E.O. #55082

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
E.	TRACED	4-14-38	WHEELER
F.	ADDED -4 ASSY.	1-21-42	AM THOMAS
G	ADDED 28-STAMP TO REQ NAVY CHG	11-2-42	SMITH



MAY BE GOODRICH DEICER HOSE
OR 3 PLY HOSE WITH { PARAPRENE OR NEOPRENE COVER
COTTON BRAID
PARAPRENE OR NEOPRENE
INNER TUBE OR EQUIV.

(F) CONTRACT # 70496
CONTRACT # 70496 & 77713
CONTRACT # 88476
" 91876

VACUUM HOSE - TEST HOSE UNDER 5 LBS. VACUUM. & 50 LBS. PRESSURE.
TESTED & GUARANTEED BY MFGR.

HOSE MY BE PURCHASED FROM
GOODRICH RUBBER CO., AKRON, OHIO.

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
-4	PBY-5A	28F6282	1						
-4	28-5AMN	28F6108	1						
-3	PBY-5	28F6282							
-3	PBY-5A	28F6282	1 EA						
-4	PBY-5A	28F6282	1						
-4	PBY-5	28F6282							
-3	PBY-4	28F4027							
-2	PBY-4	28F4027							
-3	PBY-3	28F3004							
-2	PBY-3	28F3004							

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −

APPROVED 4-14-38 DATE
CALC. WT. 0-3.5 ACT. WT.
SCALE 12"=1'-0"

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC				WHITNEY		CN	
NAVY NOTED	NOTED	NONE	NOTED	12-1-37		MOFFAT R.	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

NAME HOSE - FURNS. - INSTRUMENT LINES - 1/2 I.D. FLEXIBLE VACUUM

OPP. HAND
DWG. B SIZE 28F3098

SULLIVAN-MCKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
H	TRACED	5-30-38	[illegible]
J	ADDED -6 TUBE & -12 ASSY	9-9-38	[illegible]

(-6) 5/16 x .062 AL. ALLOY TUBE SPEC. 44T-32 COND A (ALLOY 5250) FINISH Z-P-2AL

#10 PARKER "B" NUT

NAF 27862-2 CLAMP

1 1/2

1 1/8 R

50°

1/32 BEAD

1 1/4 APPROX.

δ

(-3) (-4) 5/8 I.D. GOODRICH DE-ICER HOSE OR EQUIV. SPEC. COMM. MAY BE PURCHASED FROM GOODRICH RUBBER CO. AKRON, OHIO

7/8 APPROX.

16 ± 1/8

"A"

-12 ASSY. PBY-4 & PBY-3 FUT.

-10 & 11 ASSY.

"B"

1 1/2 APPROX.

1 1/4 APPROX.

δ

PARKER #10 "B" NUT

(-5) 5/8 OD x .042 AL. ALLOY TUBE 3 13/16 LG. SPEC. 44-T-32 COND A (ALLOY-52-S0) FINISH Z-P-2 GP

NAF27862-2 USE TAPE UNDER CLAMPS.

(-2) 5/8 O.D X .042 AL. ALLOY TUBE 2 5/16 LONG SPEC. 44-T-32 COND. A (ALLOY-52-S0 FINISH Z-P-2AL

G.P-GREEN PRIME
FINISH CODE

MODEL	ASSEM.	HOSE	TUBE	"A"	"B"
PBY-3	-10	-3	-2	16 ± 1/8	2 1/4
PBY-3&4	-11	-4	-5	12 ± 1/8	3 1/4

*NOTE: USE PARKER #10 "B" NUTS FURNISHED WITH VALVE SHOWN ON DWG. #28F1270

C-70496-77713

C-91876-88476

FUT & SPARES —

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ	PART NO.	-10	-11	-12
							REQ.		
-12	PBY-5B	28F1282	1EA.						
-12	PBY5A	28F6282	1						
-11	PBY5A	28F6282	1						
-12	PBY5A	28F4027	1			#10 "B" NUT	1	1	1
-11	PBY5A	28F4027	1			NAF27862-2	1	1	1
-12	PBY-4	28F4027				-6			1
-11	PBY-4	28F4027				-5		1	
-12	PBY-3	28F3006				-4		1	
-11	PBY-3	28F3006				-3	1		1
-10	PBY-3	28F3006				-2	1		

SEE NOTE *

REPLACES							
REPLACED BY							
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	APPROVED [redacted] 5-30-38 DATE						
	-10 -11 -12 CALC. WT.	ACT. WT.					
SCALE 12" = 1'0"	REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.		
AC					Mooney	G	
NAVY NOTED	NOTED	NOTED	NOTED		5-30-38	Mooney	R
MATERIAL	SPEC.	HEAT TREAT	FINISH		DRAFT	CHECK	EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME

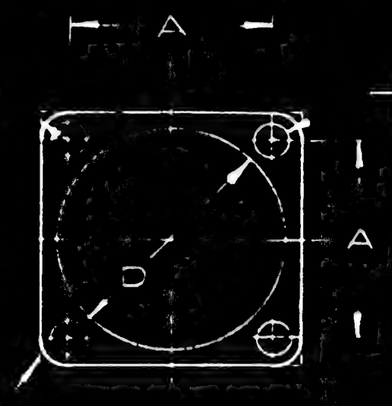
HOSE - FURN. - 5/8 I.D. FLEXIBLE VACUUM

OPP. HAND

DWG. B 91282 28F3099

CURTISS-WRIGHT CORP., INC. BUFFALO
AERONAUTICAL DIVISION

ECO NO	LET	ALTERATION



PART NO	STOCK	AL		LH RH REQ	H RH REQ	H RH REQ	H RH REQ	H RH REQ
				-0	-2	-3	-4	-5
	ACA3000	-910	FCZY-3	28E3[illegible]				S
								A
								1
								3
								2
-510								
-6								
-7								
-8								

ABBY DASH NO	MODEL	NEXT ASSY.	REQ
	FCY-5	28F3000	3
	FCY-4	28F3002	
	FCY-3	28F3003	
	FCY-2	28F3004	
	FCY-1	28F3005	

REQUIREMENTS PER AIRPLANE

REPLACES 28F[illegible] 11 4-2-42 NOTED CALC WT

REPLACED BY ACT WT

LIMIT DIMENSIONS ± .XXX OTHERWISE SPECIFIED ± 1/32

SCALE 12" =

STAMP PART NUMBER WHERE SHOWN

WEIGHTS		
DASH	CALC.	ACT.
-6	.001	
-7		
-8		
-510		

AC NOTE 28F[illegible]

NAVY NONE

HEAT TREAT

NAME SHIM-FULLY MISTE PANEL-STOCK MOUNT

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF

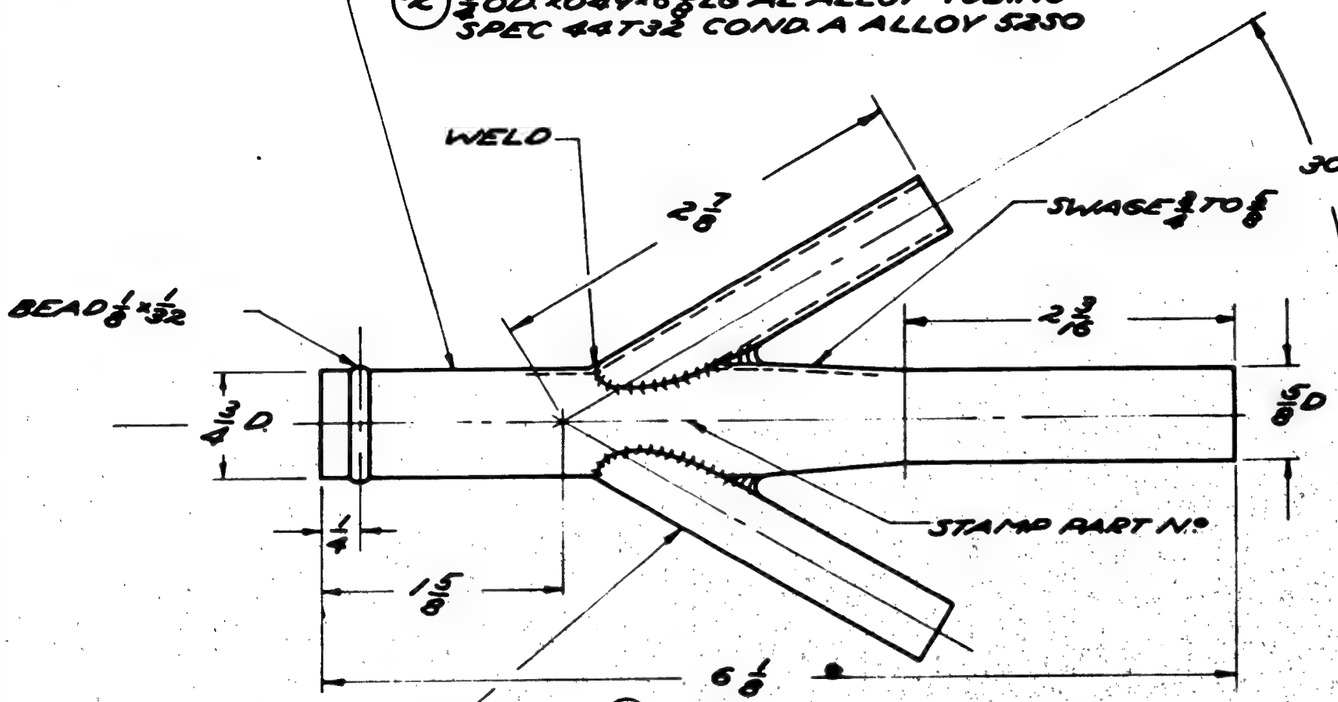
CODE IDENT NO 12204

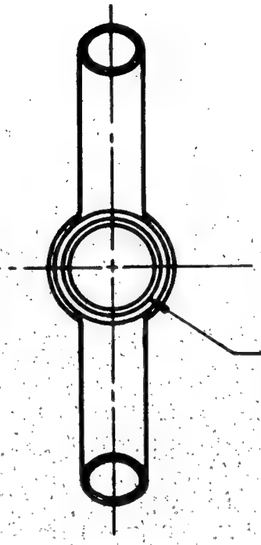
CARLSON MOFFATT

SIZE B DWG 28F3101

SUPPLIES & EQUIPMENT, CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	3-29-38	[illegible]
B	-3-7/16 OD x .049 x 25/8 WAS -7/16		
	O.D. x .042 x 2 5/8 (NEG. WT. CHG.)	7-4-42	[illegible]
C	-3-3/8 O.D. WAS 7/16 O.D. AT ONE END	5/18/42	[illegible]

(2) 3/4 OD x .049 x 6 1/8 LG AL ALLOY TUBING
SPEC 44T32 COND A ALLOY 5250





REMOVE FINS & SPRUES FROM INSIDE OF FITTING AFTER WELDING

(3) 3/8 OD x .049 x 2 5/8 LONG AL ALLOY TUBING
SPEC. 44T32 COND. A ALLOY 5250

NOTE
TEST TO 30 #/0 AIR PRESSURE

C 70490 91870 (1-60) (21-345)
C 70490, 77713, 80476 ALT

GP - GREEN PRIME
VISH [redacted]
Z [redacted]
P P-77 PRIMER

	28-5's	28F2190	1																				
	PBY-5B	28F2190	1																				
	PBY-5	28F2190	1																				
	PBY-5A	28F2190	1																				
	PBY-6	[illegible]																					
	PBY-5	[illegible]																					
												-3	2										
O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.					28F3104-2	1										
								LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.

REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.
AC			
NAVY NOTED	NOTED	NONE	Z-P-2 GP
MATERIAL	SPEC.	HEAT TREAT	FINISH

			1-7-38		
DRAFT	CHECK	EXAM.	ENG.		
[illegible]		[illegible]	R.		

REPLACES	APPROVED	DATE	
REPLACED BY	CALC. WT.	ACT. WT.	
1/32 LIMIT ON DIMENSIONS UNLESS + OTHERWISE SPECIFIED	12 "=1'-0" SCALE		

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME FITTING-FURN-DE-ICER TAIL LINE

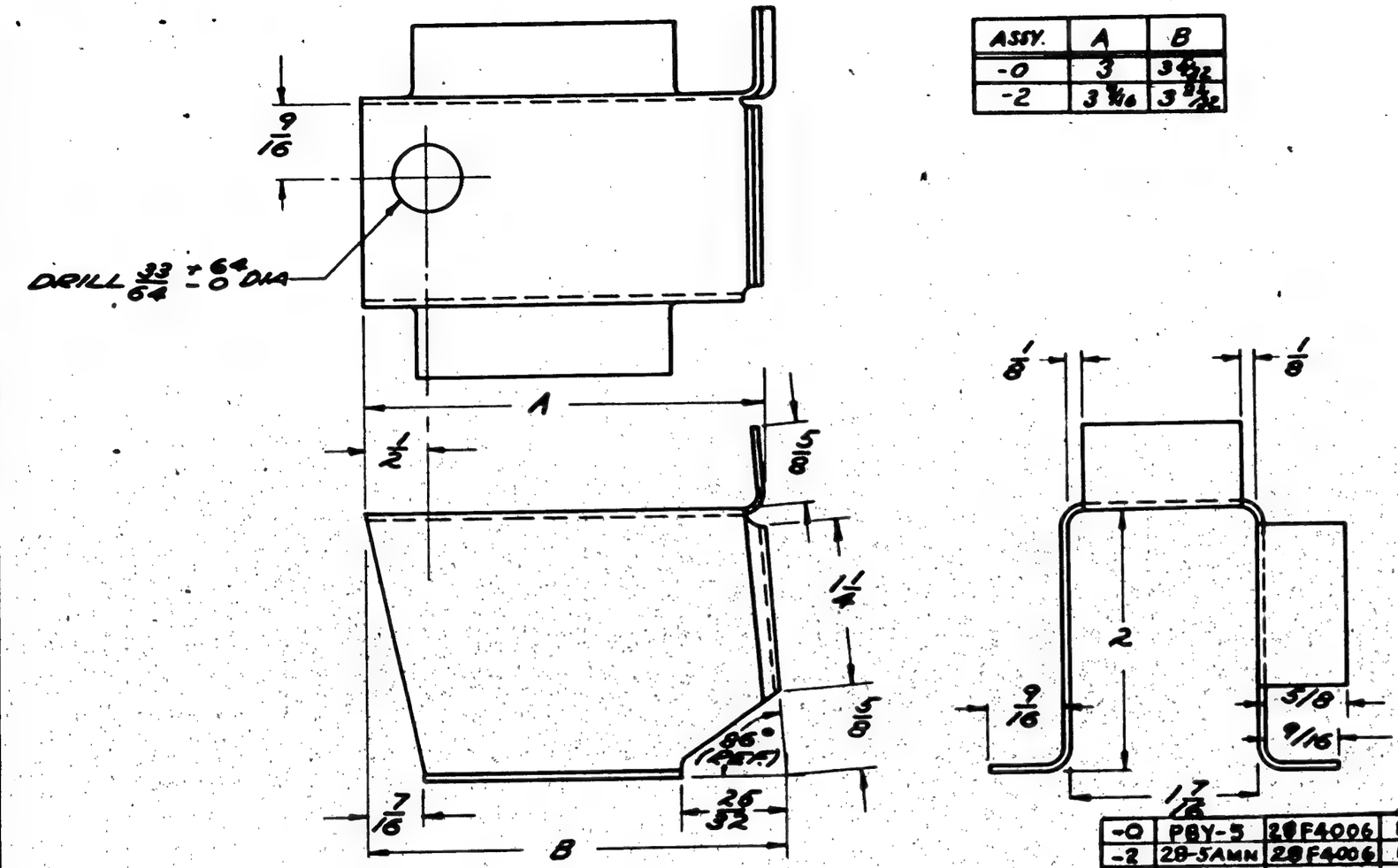
OPP. HAND --

DWG. B SIZE

28F3104

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	8-25-36	[illegible]
C	ADDED DIM. FOR -2 ASSY	10-12-37	NORTH
D	IN B/M ADDED -2 FOR PBY-5A		
	NEXT ASSY 28F4006 (1) & LIN'S		
	C 70496, 77713 & 88476 TO M.C.R.		
	248-1 (NO. WT CHG.)	8/27/42	ZAWILLA

ASSY.	A	B
-0	3	3 5/32
-2	3 3/16	3 21/32



C.70496, 77713 & 88476 TO M.C.R 248-1

NOTE
ALL BEND. RADII 1/8

REPLACES	APPROVED	DATE
REPLACED BY	.08 CALC. WT.	ACT. WT.
1/32 LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±	12" = 1'-0" SCALE	

G.P. GREEN FINISH

FINISH CODE	
Z	[redacted]
P	[redacted]
AP	[redacted]
C	[redacted]

O. H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-0	PBY-5	28F4006	1												
-2	28-5AMN	28F4006	1												
-0	PBY-5B	28F4006	1												
-0	PBY-5A	28F4006	1												
-2	XPBY-5	28F4006													
-0	PBY-5	28F4006													
-0	PBY-5	28F4006													

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC		GP	12-17-36			
NAVY AL. ALLOY 61ST 0 LONGSHEET 3450 CONC. R.	SR-53	2-P-2AC	ADAMS		HWH	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME BRACKET ARMAMENT BOW GUN STOWAGE LATCH

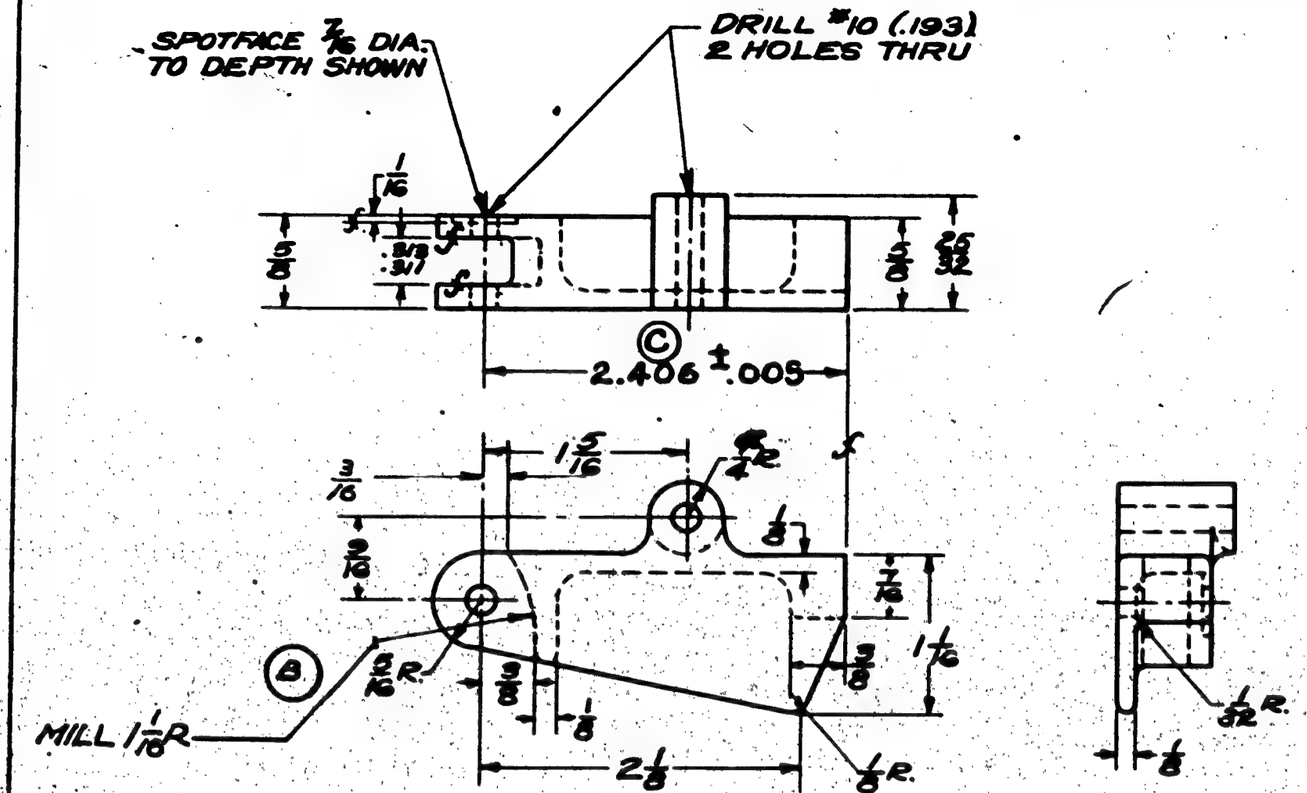
OPP. HAND

DWG. B SIZE

28F4005

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-27-39	[illegible]
B	ADDED 1/2 R MILL	10-7-40	LABE
C	2.406±.005 WAS 2.407-2.405	4-8-[illegible]	GOLD
D	REMOVED MAT'L 195T4 FROM	1-5-43	[illegible]
	B/M. CH'D. SPEC. 46A1GR4 & H.T.		
	29,000 P.S.I. TO NOTED. ADD'D MAT'L NOS.		
	1 & 2.		

PBY-4 E.O. 35561



NOTE:- CAST FILLETS 3/16 R.
& CAST CORNERS 1/16 R.
EXCEPT AS SHOWN

(D) MATERIAL NOTE:
1-AL. ALLOY 195T4, SPEC. AN-QQ-A-390 CL. I. 29,000 P.S.I. OR
2-AL. ALLOY 195T6, SPEC. AN-A-5 CL. II 32,000 P.S.I.

G.P.-GREEN PRIME

	PBY-6B	28A1006	2								
	XPBY-1	31A039-R	1								
	XPBY-1	31A039-L	1								
	PBY-5&5A	28A1006	2&A								
	PBY-3	28A1045	2								
	PBY-4	28A1006-31									
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		

REPLACES		APPROVED [illegible] DATE 2-27-39		ADAMS	G.C.	H.W.H.	G.
REPLACED BY				8-24-37	12-27-37		R.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64 & .001		.09 CALC. WT.	ACT. WT.	DRAFT	CHECK	EXAM.	ENG.
SCALE 12"=1'-0"	REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.				
AC							
NAVY ALUM. ALLOY CASTING	NOTED	NOTED	Z-P-2[illegible]GP				
MATERIAL	SPEC.	HEAT TREAT	FINISH				

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

NAME: LOCK-FIXED EQUIP. FLARE-SAFETY

OPP. HAND

DWG. B 28F4008

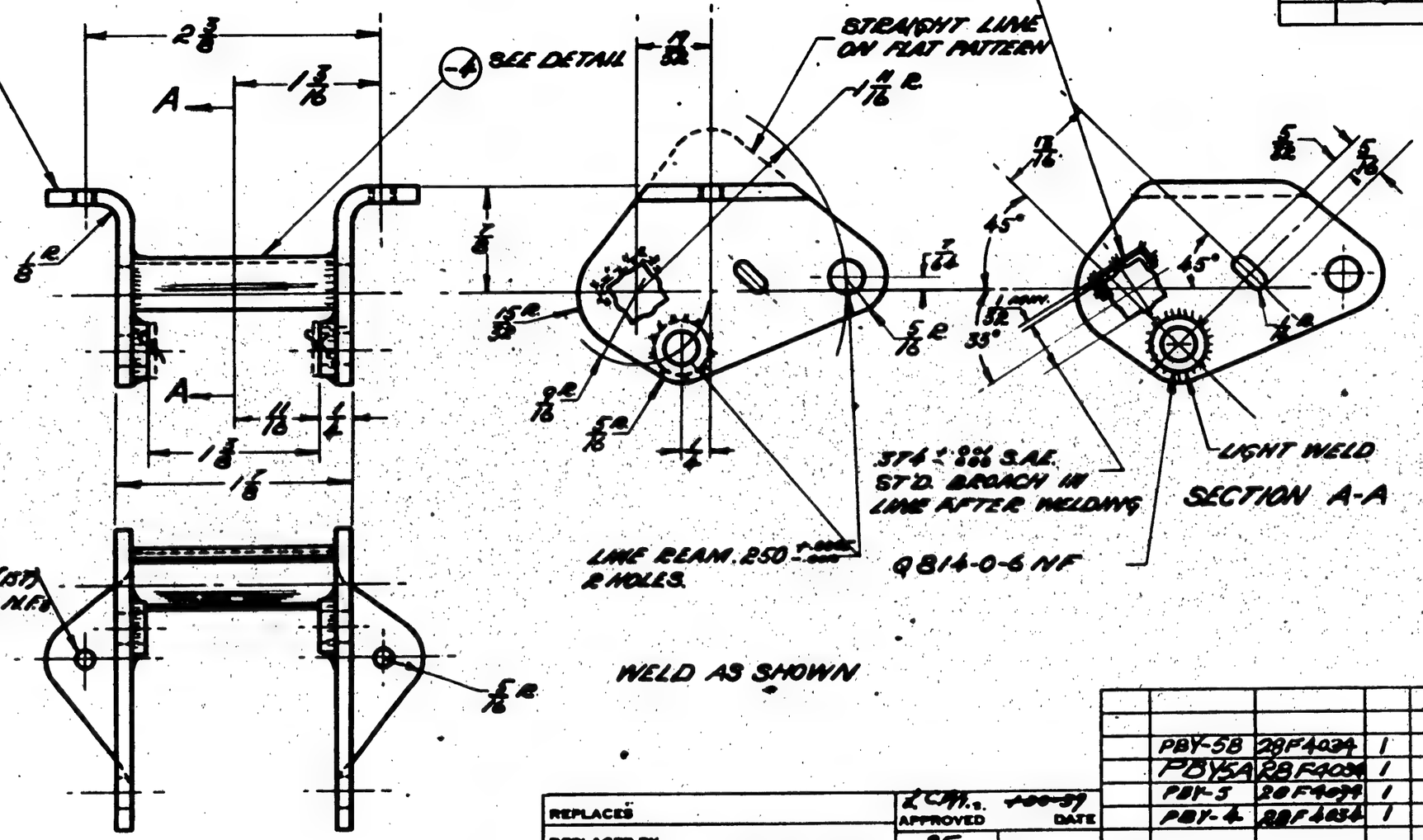
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	4-30-43	KENNEDY
B	-4 MATERIAL WAS D37A2 1/8 I	7-6-43	[illegible]
C	REMOVED NOTE "FLAT PATT-ERN IDENTICAL TO 28B1332-2"		
	-3 NO. WT. CHG.	7-17-43	[illegible]

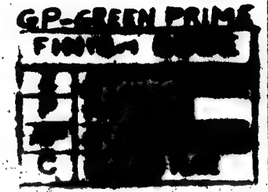
PBY-5 ALL

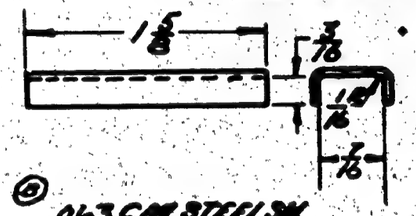
(2) LH .125 CAR STEEL SH. SPEC. AT9A

(3) R.H. OPPOSITE

(C)







(C) .063 CAR STEEL SH. SPEC. AT9A

-4 DETAIL

NOTE:
DO NOT PAINT INSIDE OF REAMED & BROACHED HOLES.

	PBY-5B	28F4034	1					Q814-0-6 NF	2		
	PBY5A	28F4034	1					-4	1		
	PBY-5	28F4034	1					-5	1		
	PBY-4	28F4034	1					28F4032-2	1		
						LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS							

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC				1-3-38	1-4-38	[illegible]	
NAVY NOTED	NOTED	NORMALIZE	C-P -R-P.C.GP	Drawing	QC.	AIR'D	E.
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

SCALE 12"=1'-0"

CALC.WT. .85 ACT.WT.

CH. No. 400-37 APPROVED DATE

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME

LINK-TORQUE SHAFT-BOW GUN MOUNT

OPP. HAND

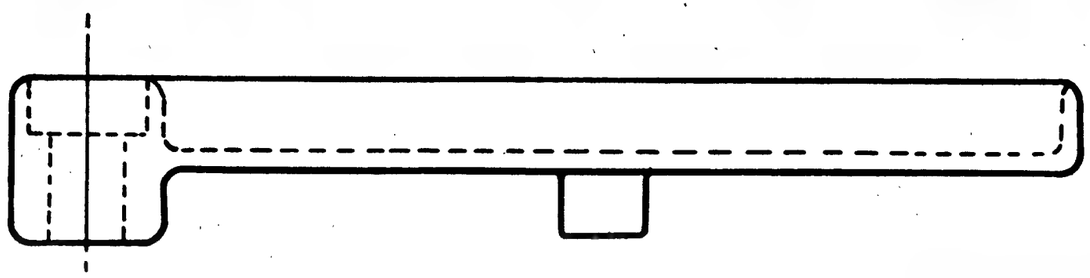
DWG. B SIZE

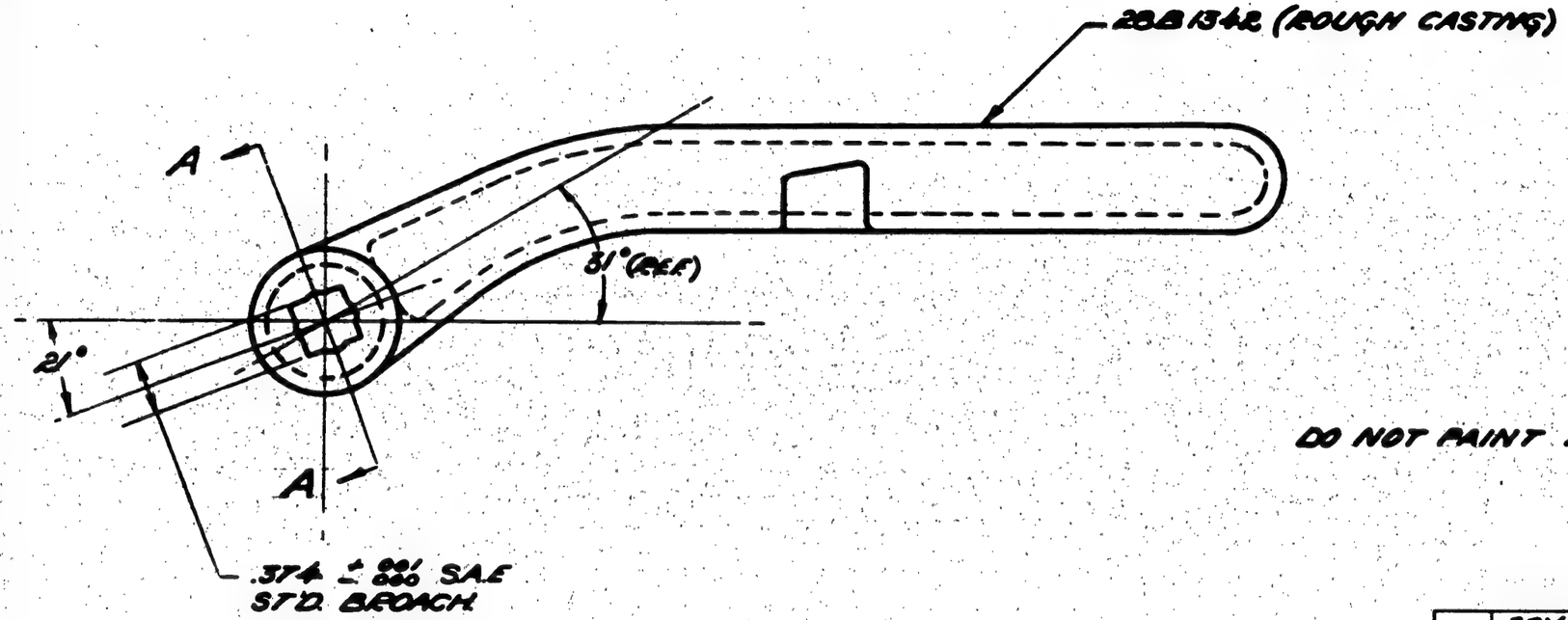
28F4032

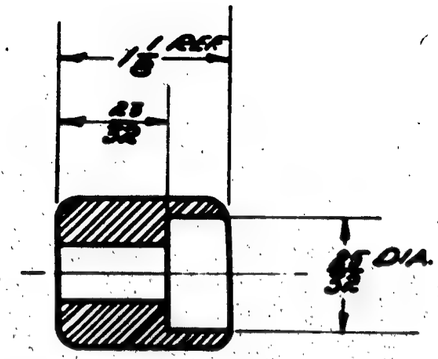
28F4032

SULLIVAN-SHERIDAN CO., INC. BUFFALO
INDUSTRIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	1-20-39	REYNOLDS







SECTION A-A

DO NOT PAINT INSIDE OF BROACHED HOLE.

GP-GREEN PRIME

[redacted]

	PBY-5B	28F4034	1								
	PBY5A	28F4034	1								
	PB2Y-2	28F2020R	1								
	PB2Y-2	28F2020L	1								
	[redacted]	28F1999	1								
	PBY-6	28F4034						28B1342	1		
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.		

REPLACES							
REPLACED BY							
LIMIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ±							
J.C.M.-2 1-30-39 APPROVED DATE							
CALC. WT. 80	ACT. WT.						
SCALE AS 2/10"	REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.			
AC			GP	1-9-39	1-6-39	[redacted]	
NAVY NOTED	NOTED	NONE	Z-P-28[redacted]	[redacted]	SC.	N°D	R.
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME HANDLE-STIRRUP-BOW GUN MOUNT

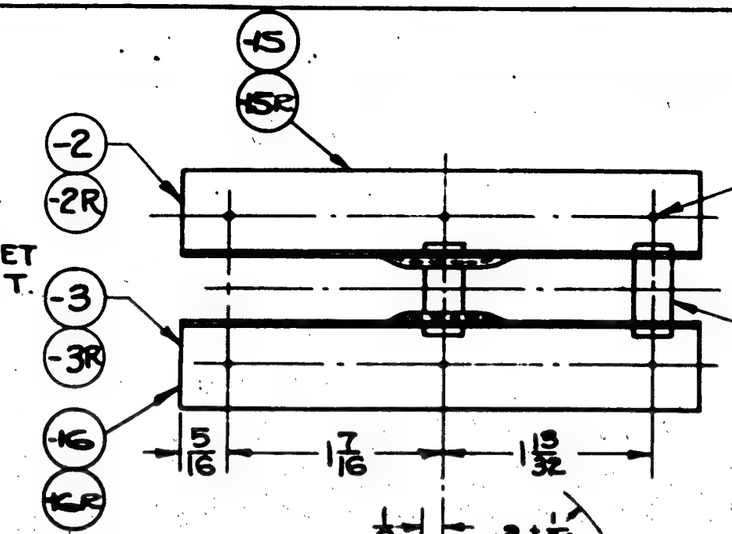
OPP. HAND

SIZE B 28F4038

NOTE: -2, -2R -3, -3R, -15, -15R, -16, & -16R ARE ALL MADE FROM SAME FLAT PATTERN.

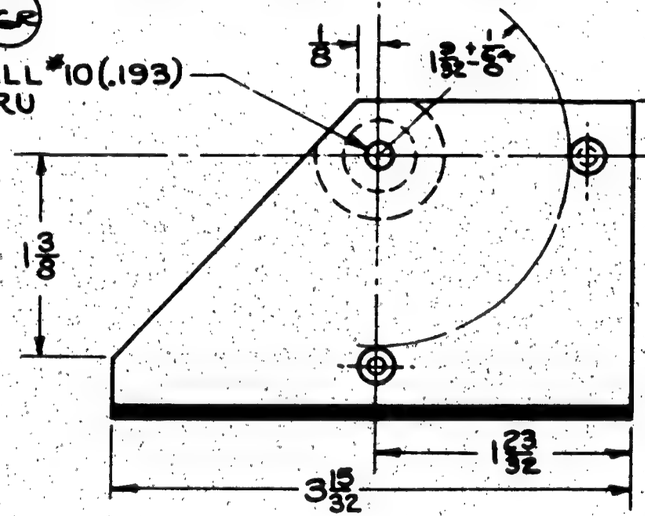
MAT'L. -.040 AL. ALLOY SHEET 24ST SPEC. 47A10 COND. T.

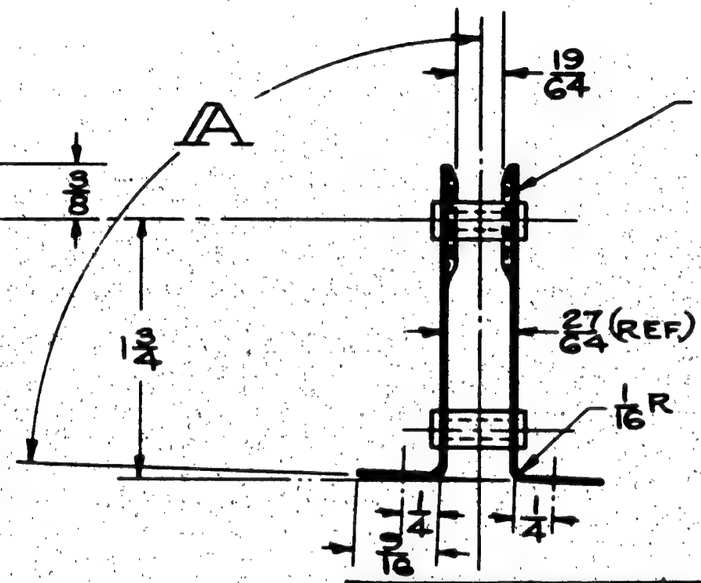
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	2-3-39	[redacted]
C	ADDED TABULATION & -15, -15R, -16, & -16R PBY-5 REQ	2-10-40	[redacted]



CENTER PUNCH 6 PLACES

Q608 D4-13.5 SPACER
AN442 D4 RIVET





DEPRESS 1/16 AS SHOWN USE TOOL #1-J-1538-1

GP-GREEN PRIME

PART	"A"
-2 & -2R	88°
-3 & -3R	88°
-15 & -15R	84°
-16 & -16R	84°

©

NOS. 2239-2488 INCL. AS PER CONTRACT CHANGE B

NOS. 2209-2238 INCL.

[redacted]	[redacted]	[redacted]	2														
[redacted]	[redacted]	[redacted]	2														
-14R	PBY-5	28M[redacted]	2													-15R	
-14	PBY-5	28M[redacted]	2													-15	
-R	PBY-5	28A4000	2													-3R	
-	PBY-5	28A4000	2													-3	
-R	PBY-4	28A4000														-2R	
	PBY-4	28A4000		AN442-D4	2	2	2	2	28F4036-2							-	
					LH	RH	LH	RH	PART NO.	LH	RH	LH	RH				
					-0	-14				-0	-14						

REPLACES	L.L.W. 2-18-37 APPROVED DATE						
REPLACED BY	.07 CALC. WT.	ACT. WT.	O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/2° & ± 1/32	SCALE 12"=1'-0"		REQUIREMENTS PER AIRPLANE				MAT.
	AC						
	NAVY NOTED		NOTED	NONE			Z-P-[redacted] GP
	MATERIAL		SPEC.	HEAT TREAT			FINISH

					LIVERS		MOFFATT R
					1-10-37		
					DRAFT	CHECK	EXAM. ENG.

PARTS LIST PER ASSY.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

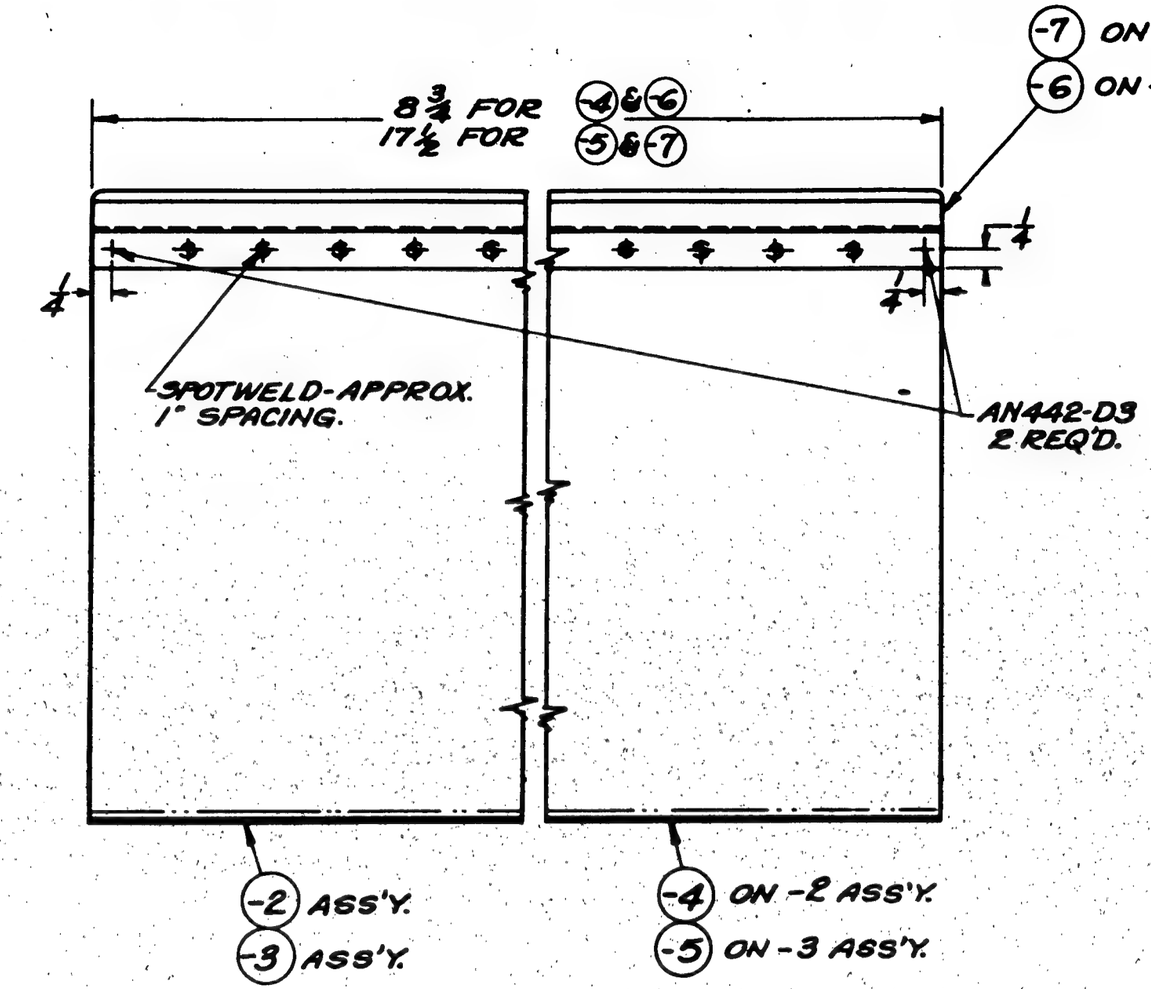
NAME
BRACKET ASSEM.
MK. XVIII SOLENOID PULLEY

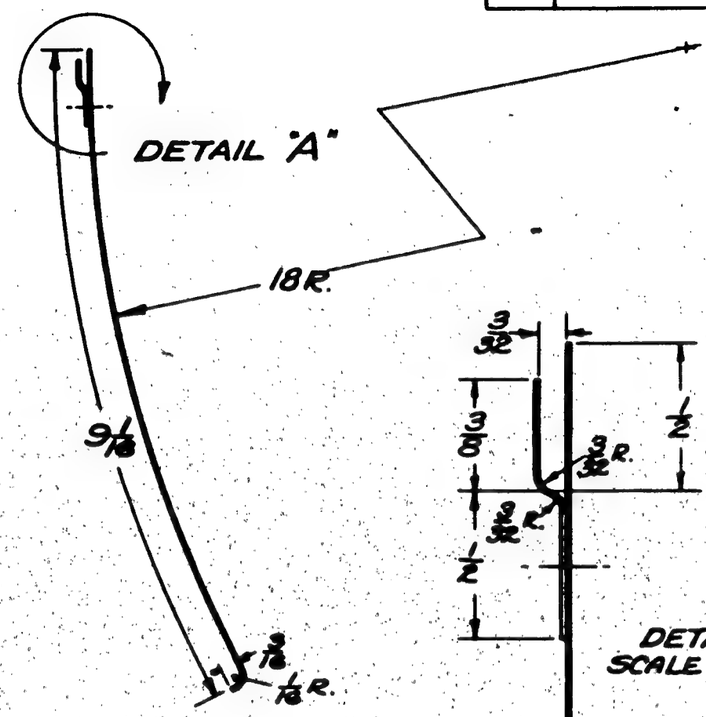
OPP. HAND 28F4036R

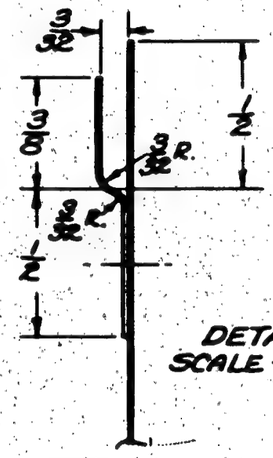
SIZE B

28F4036

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-7-39	







FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP- GREEN PRIME

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
-2	PBY-5B	28F2246	1				-7	1	
-2	PBY-5B	28F2246	1				-5	1	
-3	PBY-5B	28F5700	1				28F4047-3	ASS'Y.	
-2	PBY-5B	28F5700	1				-6	1	
-3	PBY-4	28F2246					-4	1	
-2	PBY-4	28F2246		AN442-D3			28F4047-2	ASS'Y.	

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED J.B.M. 2-13-39 DATE

CALC. WT. ACT WT.

SCALE 6"=1'-0" & NOTED

AC

NAVY .025 ALCLAD SHEET (2ASI)

MATERIAL

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

			6-30-38		CHECKED	
47A8 CMOT	NONE	Z-P-2 AND GP	K.K. ANDREWS		MOFFATT	R.
SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

NAME

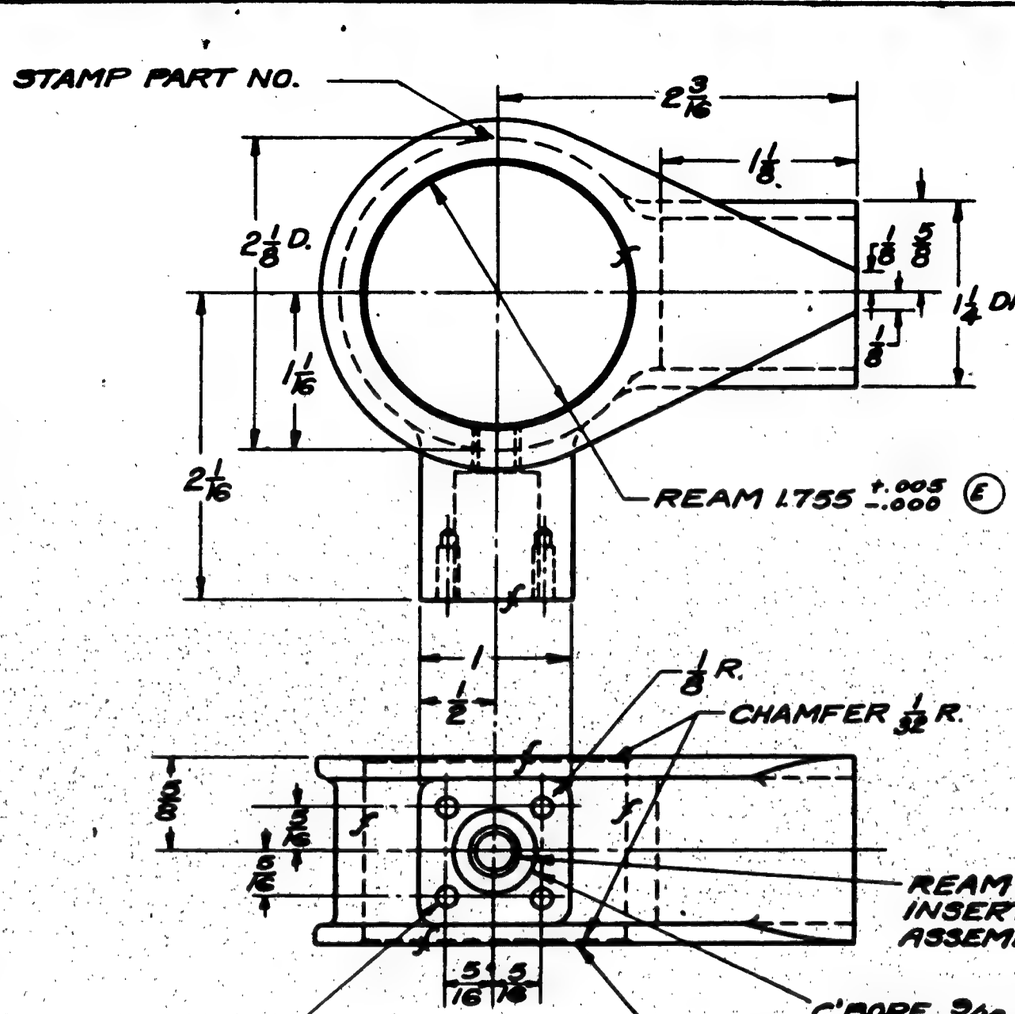
GUARD-FURNS.-CONTROL CABLES IN FOOD LOCKER-MECH'S.

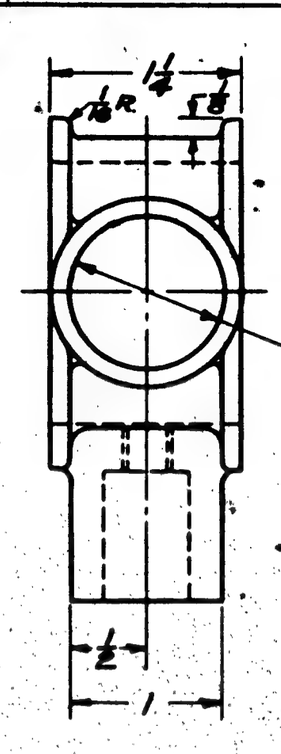
OPP. HAND

SIZE B DWG. 28F4047

PBY-5A and 5B

SULLIVAN-McKEEGAN CO., INC. BUFFALO





S.O. 3103 | 88-5 ALL PBY-5 PBY-5A 6A-10

MCR 22186

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED TO DATE	2-10-39	[illegible]
E	1.755 +.005 -.000 WAS 1.755 +.005 -.000	11-1-40	[illegible]
F	CHANGED DRILL NOTE FROM DRILL TO		
	READ "-- TAP DRILL	7-28-41	WHITE
G	1.000 +.005 -.001 WAS 1.005 +.005 -.000		
	X832 + Y832 REQ. ADDED	9/12/42	[illegible]
H	TO REQ. 1 AIRPLANE BLOCKADED		
	PBY-5A - 28F7335-1 REQ. FOR C"NO. 2		
	GP-2 LIMITED REQ. FOR PBY-5A-N/A C.T.T.	4-4-45	[illegible]
	REF. LOSS TO C"T7713, 8847G, 70496 ONLY. 46 CAL		

REAM 1.000 +.005 -.002 x 1 1/8 DEEP (G)

NOTE: ALL RADII & FILLETS 1/8 EXCEPT AS NOTED.

FINISH: -3- ANODIZE BEFORE ASS'Y.
COMPLETE ASS'Y. - P-2AE GP
(NO FINISH INSIDE OF BUSHING)

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP- GREEN PRIMER

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5	28F1055	1						
	PBY-5A	28F7335	1						
	PBY-5B	~~28F1065~~	1						
	Y832	29F1057	1						
	X832	29F1057	1						
	PBY-5A	28F4055	1				Q600-8-10	1	
	PBY-5	28F1057	1				28F4054-3	1	
	PBY-4	28F4055							

REPLACES 29F125 FOR PBY-4	C.T.T. 8-15-41			
REPLACED BY	APPROVED	DATE		
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010 & 1/32	.27 CALC. WT.	ACT. WT.	SCALE 12" = 1'-0"	REQUIREMENTS PER AIRPLANE
	AC			
	NAVY AL ALLOY CASTING	46A1 cl 4	SR-53 29,000 #/□"	NOTED
	MATERIAL	SPEC.	HEAT TREAT	FINISH

MAT. — PARTS LIST PER ASSY.

DRAFT	CHECK	EXAM.	ENG.
7-27-38 SAVILLE		MURPHY	R.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME: SWIVEL - FURNS. - NAV'S. SEAT SUPPORT - UPPER

OPP. HAND

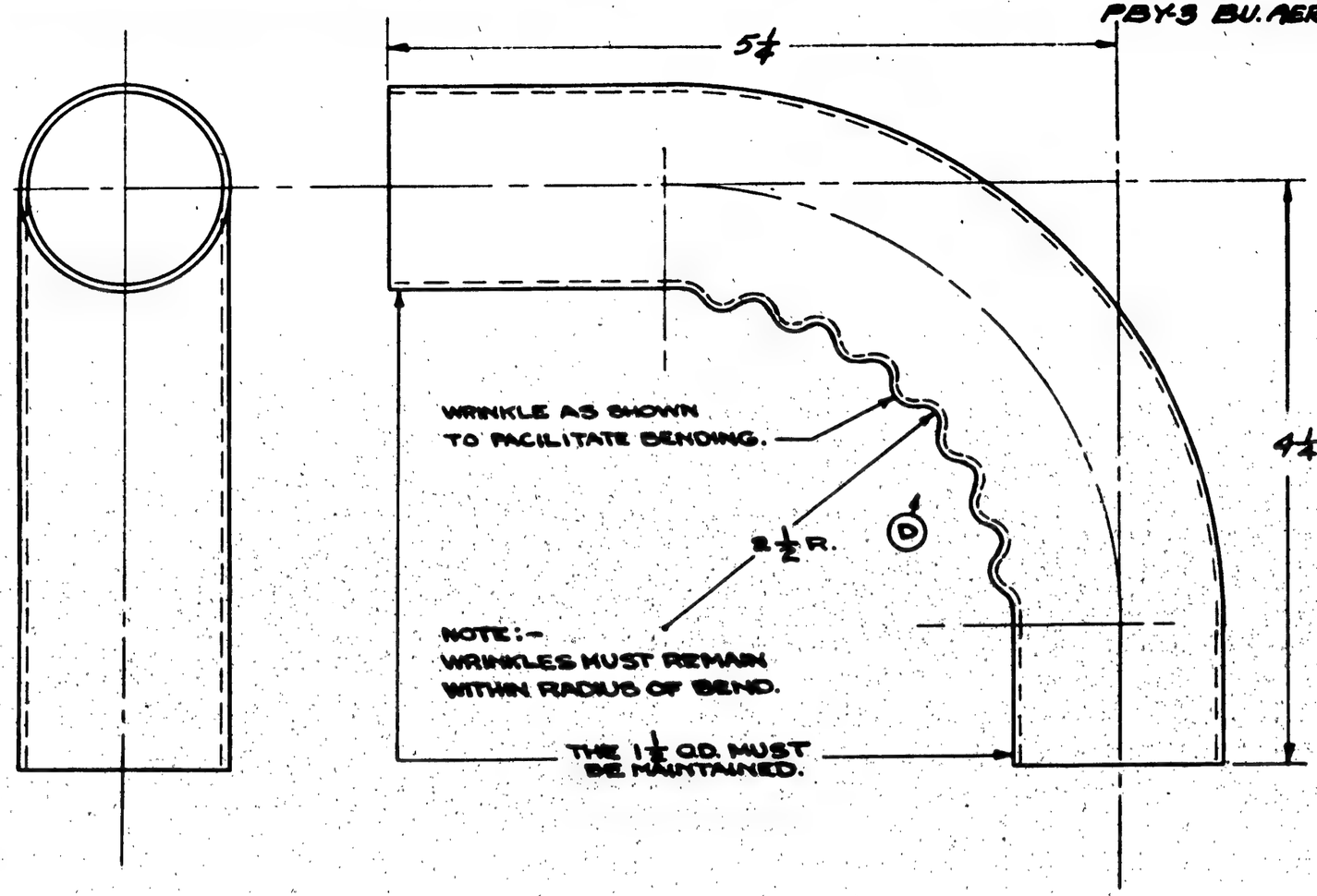
SIZE B — 28F4054

28F4054

INCORPORATES
PBY-2 BU. AER. CHG. NO. 78
PBY-3 BU. AER. CHG. NO. 56

E.O. 10092

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-28-38	Sowles
B	REMOVED STAMPED PAD & SCRIBED		
	4 1/16 DIMENSION CHGD TO 4 1/4	4-7-39	Sowles
C	ADDED PBY-2 & -3 BU NO'S.	4-7-39	Sowles
D	ADDED WRINKLES TO INSIDE RADIUS.	5-17-39	[illegible]



* S.O. 927-369

	PBY-5B	28F4060	1							
*	PBY-2	28F4060								
*	PBY-3	28F4060								
	PBY-4	28F4060								
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±1/64

APPROVED L. Kelly DATE

CALC. WT. .60 ACT. WT.

SCALE 12"=1'-0"

AC

NAVY [illegible]

MATERIAL 24T-25 | NONE | POLISH SR39

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

DRAFT | CHECK | EXAM. | ENG.

Sowles | | Moore | E.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

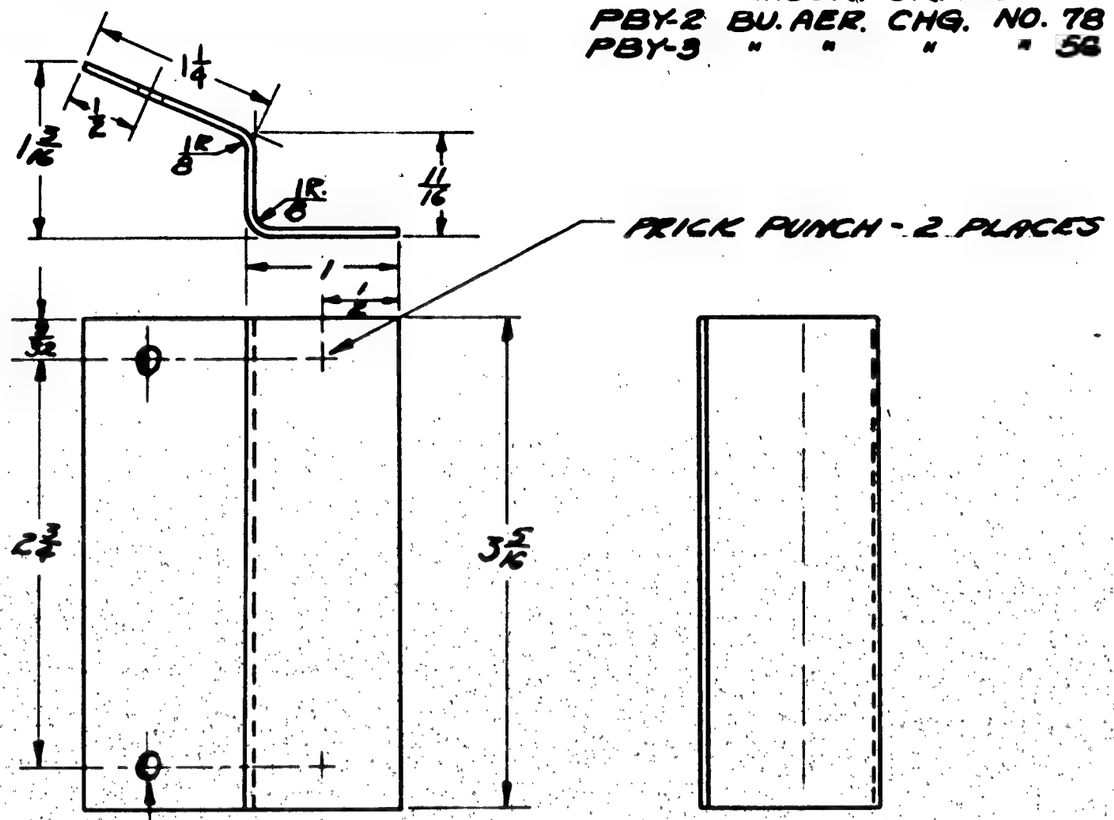
NAME ELBOW-FURN-MUFFLER AUX. POWER UNIT

OPP. HAND

DWG. SIZE B 28F4057

INCORPORATES
PBY-2 BU. AER. CHG. NO. 78
PBY-3 " " " " 58

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-2-39	Sawtell



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

* S.O. 927-369

	PBY-5B	28F4060	1							
*	PBY-2	28F4060								
*	PBY-3	28F4060								
	PBY-4	28F4060								
O.M.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	REQUIREMENTS PER AIRPLANE			MAT.	PARTS LIST PER ASSY.				

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

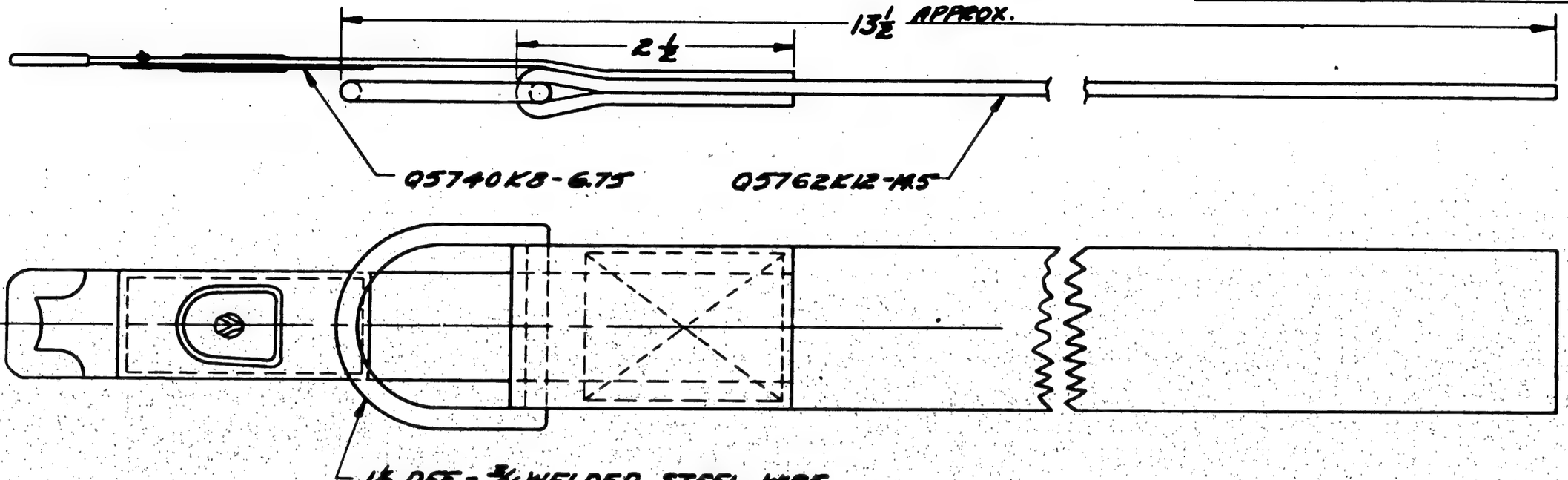
L.C.P. 2 8-1-39
APPROVED DATE
CALC.WT. ACT.WT.
SCALE 1" = 1'-0"
AC
NAVY BUR. C/A ST. SHT.
MATERIAL

SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
4131-T	NONE	C	10-28-38 Sawtell		Nelson	R

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

NAME BRACKET-FURNS.-AUX. POWER UNIT-MUFFLER
OPP. HAND
DWG. SIZE B
28F4058

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	2-28-39	Signed



	PBY-5B	28F5859	2										
	PBY5A	28F5859	2										
	PBY-5	28F5859	3	1½ dee									
	XPBY-5	28F4457B		[illegible]	1								
	PBY-4	28F4457											
	PBY-3	28F4457		[illegible]	1								
	PBY-2	28F4057		[illegible]	1								
	PBY-1	28F4057											

REPLACES		E.C.N. 2 APPROVED	2-13-39 DATE	O.H.	MO	L	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REPLACED BY		.AB												
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32		CALC.WT.	ACT.WT.											
		SCALE 2"=1'0"		REQUIREMENTS PER AIRPLANE					MAT.	PARTS LIST PER ASSY.				
		AC								[illegible]				
		NAVY NOTED		NOTED		NONE		NOTED		[illegible]		VALVE	E.	
		MATERIAL		SPEC.		HEAT TREAT		FINISH		DRAFT	CHECK	EXAM.	ENG.	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME STRAP ASSY. SAFETY BELT ATTACH. - BUNKS

OPP. HAND

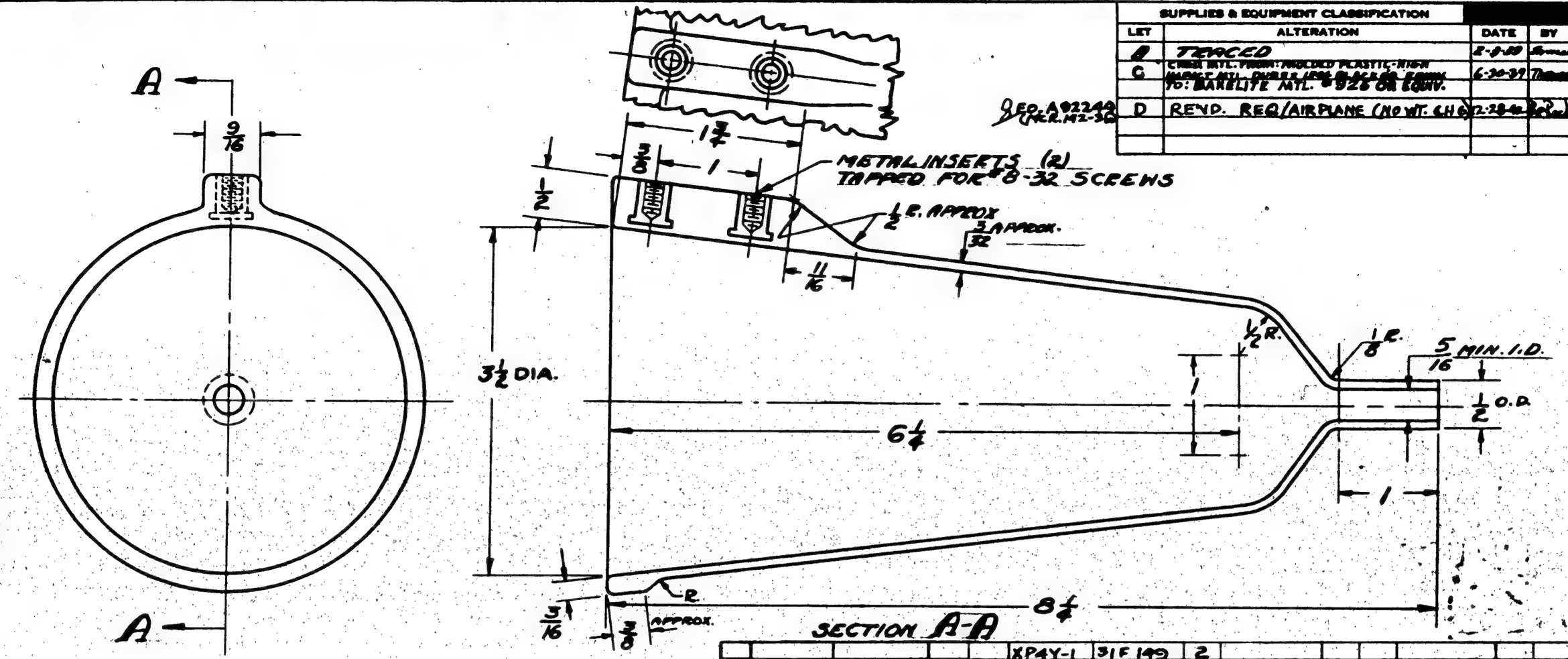
DWG. SIZE B

28F4061

SULLIVAN-McKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-9-39	[illegible]
C	CHGD MTL. FROM: MOLDED PLASTIC-HIGH IMPACT MTL. DUREZ (OR EQUIV.) BACKED WITH CANVAS TO: BAKELITE MTL. #926 OR EQUIV.	6-20-39	[illegible]
D	REVD. REQ/AIRPLANE (NO WT. CHG)	12-28-39	[illegible]

REQD. A-2249
CHGD. 11-2-39



SECTION A-A

MATERIAL: BAKELITE #926 ©
OR EQUIV.

						XP4Y-1	31F149	2								
						MN. AMG.INE	28F4066	1 EA								
	PB2Y-2	29F3476	1			MA.MG.ME	28F4066	1								
	PB2Y-2	29F1306	1			PBY-5	28F4066	1								
	PB2Y-2	29F1221	1			PBY-5A	28F4066	1								
						PB2Y-3	29F1876	1								
						PB2Y-3	29F1876	1								
						PBY5A	28F4066	1								
						PBY-6	28F4066									

S.O. 644-110
MCR. 1422-2

REPLACES																
REPLACED BY																
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32																
[redacted]																
LC #. 2-1-11 APPROVED DATE																
CALC.WT.	ACT.WT.	O.M.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.					
SCALE 1" = 1'-0"		REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.									
AC							12-7-39	12-7-39								
NAVY NOTED		NOTED	NONE		NONE		TRACED	DRAWN			R.					
MATERIAL		SPEC.	HEAT TREAT		FINISH		DRAFT	CHECK	EXAM.	ENG.						

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

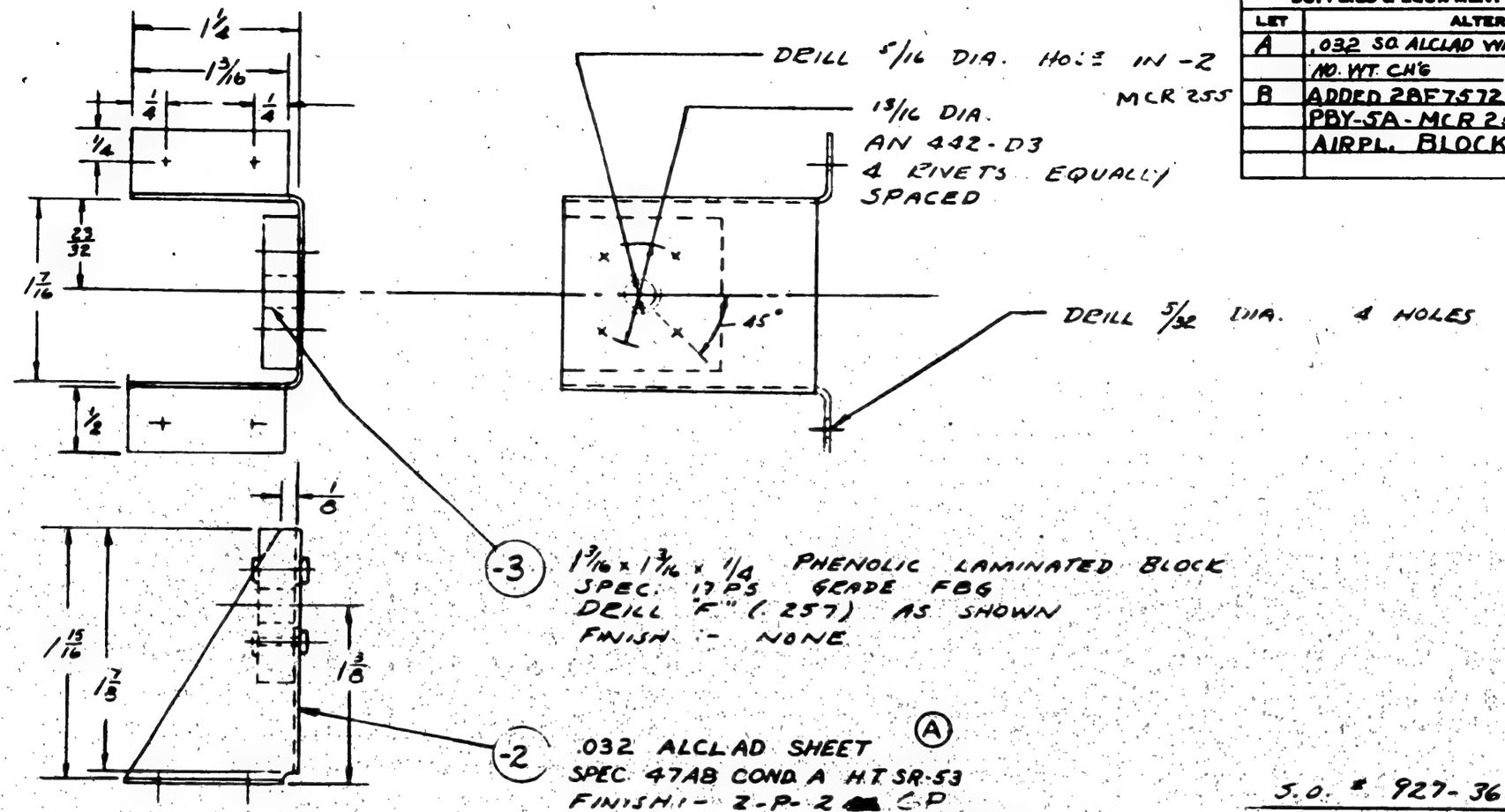
NAME RELIEF TUBE FURNS.

OPP. HAND

SIZE B

28F4068

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	.032 SQ ALCLAD WAS .030 DURAL ST.		
	NO. WT. CH'G	3-19-42	[illegible]
B	ADDED 28F7572 FOR PBY-5 &		
	PBY-5A - MCR 255 TO REQ.		
	AIRPL. BLOCK NO WT. CH'G	5-1-43	KRIEGER



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

S.O. # 927-368

ALL BEND RADII 1/16

TO MCR 255
SHIPS 1 TO 24
SHIPS 25 TO ↓
MCR 255

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	PBY-5B	28F5030	1												
	PBY-5A	28F5030	1												
	PBY-5	28F5030	3												
	PBY-5	28F5030	1												
	PBY-4	28F4077													
	PBY-3														
	PBY-2														
	PBY-1			AN442-03			-3	1							
							-2	1							

REQUIREMENTS PER AIRPLANE	MAT.	PARTS LIST PER ASSY.					
AC				4-4-39			
NAVY NOTED	NOTED	NOTED	NOTED				
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

REPLACES	28F3 4-26-39 APPROVED DATE	
REPLACED BY	CALC. WT.	ACT. WT.
1/32 LIMIT ON UNDIMENSIONED WELDED ± DIMENSIONS SPECIFIED	12" = 1'-0" SCALE	

(B) MCR 255 ON

O.H.	MODEL	NEXT ASS'Y	REQ.
	PBY-5A	28F7572	1
	PBY-5	28F7572	1
	28-5AMN	28F5030	1
	28-5AMC	↓	1
	28-5MN		1
	28-5ME		1
	25-5MC		1
	28-5MA	28F5030	1

[redacted]

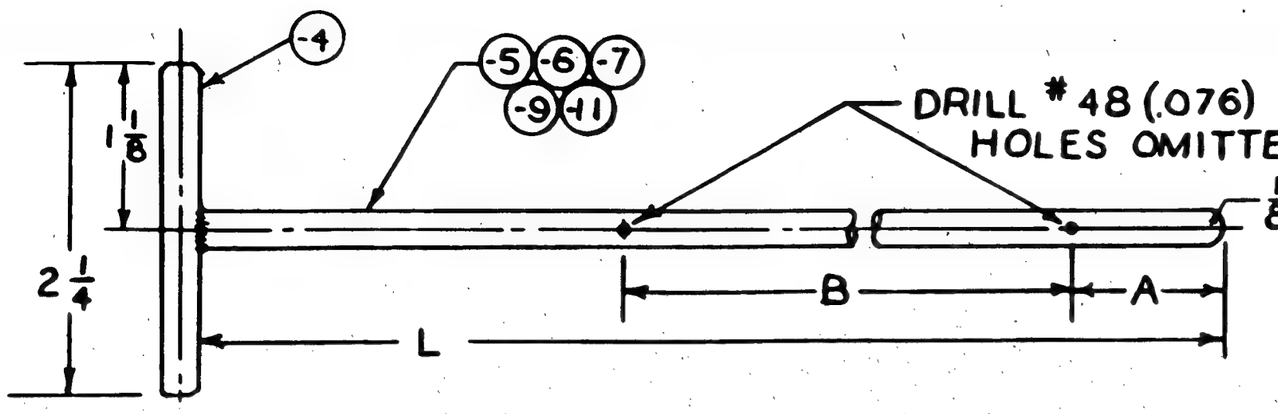
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP ST. NO. WHERE REQUIRED

SUPPORT BRACKET-FURN. RADIO OPER. SEAT LOCK PIN

OPP. HAND —

DWG. SIZE B

28F4074



MCR 255

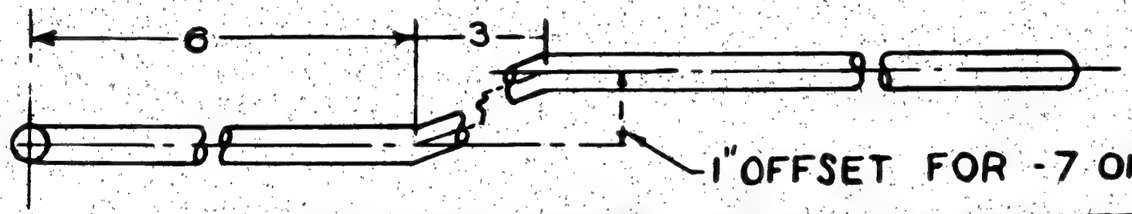
LET	ALTERATION	DATE	BY
J	REDRAWN	1/29/42	
K	ADDED ALTER. METALS TO BE USED.	11-17-42	
L	ADDED 28F7572 FOR PBY-5A PBY-5A MCR 255 TO REQ / AIRPL BLOCK NO WT. CHG.	6-1-43	
M	ON FACE NOTE "SPEC. AN-QQ-S-684" WAS "NAVY SPEC. 46523 AC SPEC. 57-107-10" & NOTE "NORMALIZE 90,000 TO 125,000 P.S.I. AFTER WELDING" "NORMALIZE AFTER WELDING" REM- OVED FROM FACE "HEAT TREATED TO 125,000 P.S.I. PER "I" REQ/AIR. TO DATE. (NO WT. CHG.)	6-1943	

-NOTE-
SPEC. AN-QQ-S-684.
ALTERNATE MATERIALS MAY BE
NE 8736 / NE 8739 STEELS.

PART NO.	L	A	B
-5 & -9	7 5/8	1 1/32	4 1/16
-6	8 1/2	1 1/32	5 1/16
-7	20	2 1/8	
-11	5	1 9/32	

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIME
SB-SAND BLAST



~NOTE~
NORMALIZE, 90,000 TO 125,000 P.S.I.,
AFTER WELDING.

ASSY DASH NO	MODEL	NEXT ASSY	REQ.
-2	PB2Y-3	29F6658	1
-3	PBY5A	28F5030	1
-10	B-24 E	32F2030	1
-10	32 MF	32F2050	2
-10	XB-32 & YB-32	32F2030-100	1 EA
		33A410	
		33A137	
-10	XB-32 & YB-32		1 EA
-10	XB-32	33F1025	1
-2	PB2Y-3	29F3386	1
-10	B-24 C	32F3423	1
-10	B24D	32F3423	1
-10	B-24 D	32F2030	1
-10	B-24C	32F2030	1
-10	LB-30	28F4077	1
-3	PBY-5	28F5030	1
-8	PBY-5	28F5008	1
-3	PBY-5	28F5030	3

C.704 96, 77713 & 88476 →

*1 TO 24 *1-252 *1-434-1

25 & ON C.70496 & 94875

ASSY DASH NO	MODEL	NEXT ASSY	REQ.
-3	28 SME	28F5030	1
-3	28SMA MC,MF	28F5030	1 EA
-3	PBY-5A	28F7572	1
-3	PBY-5	28F7572	1

C*NO 2-(S) 464 ACA 255 ON
C.91876 & ACA 255 & ON

ASSY DASH NO	MODEL	NEXT ASSY	REQ
-3	28SMA, MC,MF	28F5030	1 EA
-3	PBY-4	28F4077	
-3	PBY-3		
-3	PBY-2		
-2	PBY-1		

REQUIREMENTS PER AIRPLANE

REPLACES 28F4075 A-SIZE 4-3-39 — CALC WT
REPLACED BY — ACT WT
1/32 — 12" = 1'-0"
STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC	LH RH REQ	LH RH REQ	LH RH REQ	LH RH REQ	LH RH REQ
				-12	-2	-3	-8	10
-11	1/4 DIA. X 5 1/8	C.M. STEEL ROD	NOTED	1				
-9	1/4 DIA. X 7 3/4						1	
-7	1/4 DIA X 20 1/8					1		
-6	1/4 DIA. X 8 5/8				1			
-5	1/4 DIA. X 7 3/4						1	
-4	1/4 DIA. X 2 1/8	C.M. STEEL ROD	NOTED	1	1	1	1	1

PARTS LIST PER ASSY.

AC	NOTED	CAC ZF-32-001	9/3/39	SHAWER	GERBER	GALLAM	PAGNE	J.C.H
NAVY	NOTED	SB-C-P-2GP	REVISIONS			2-23-42	1-31-42	WOLD
HEAT TREAT		FINISH	DRAFT	CHECK	STRUCT	MAT	APPR	ENG

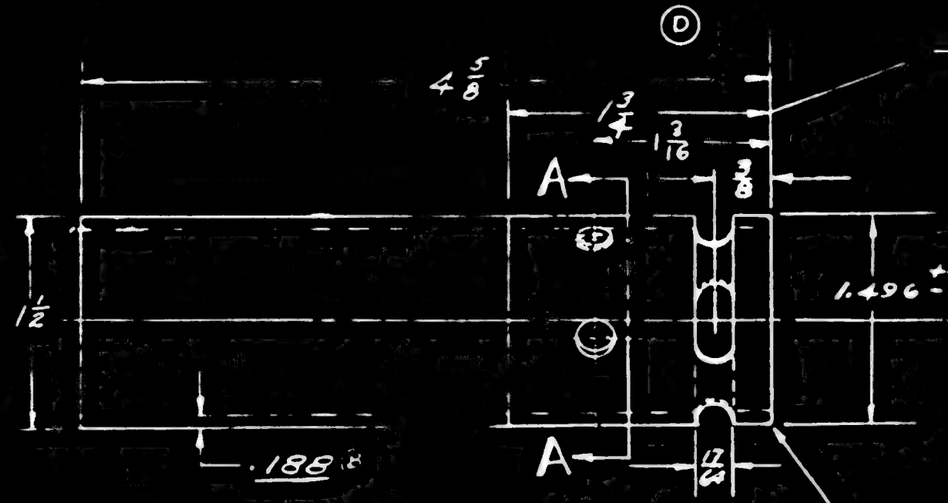
NAME PIN-FURN-RADIO OPER. SEAT LOCKING
CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF

OPP HAND NONE
DWG B SIZE
28F4075

28F4075

GOODYEAR R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	3 [illegible] IN. DIA WAS 4 [illegible]		
	ADDED CHAMFER NOTE	5-9-42	[illegible]
B	CHANGED TUBE SIZE FROM .134 TO .095 TO .188	1-30-43	[illegible]
C	ADDED 28F7572 FOR PBY-5E PBY-5A MCR255 TO REQ'D AIRPL BLOCK NO WT CHG.	5-1-43	[illegible]
D	ADDED "F(257) 2 HOLES, 1 3/16 @ 30° 130° SEC. A-A, & NOTE "#F(257) - - - 28F2082-0" NO WT CHG.	7-17-43	[illegible]



DRILL 17/64 DIA. 2 HOLES THRU. Ø'S OF HOLES TO BE ON THESE AXES. SLOT AS SHOWN.

F(257) 2 HOLES TO MATCH Q600-8-12 BUSHING IN 28F2082-0

D

SECTION A-A

D

To MCR 255
MCR #255 ON
#2 TO MCR 255
#1 TO 24

O H	MODEL	NEXT ASSY	REQ	ST'D PARTS	LH REQ	RH REQ	PART NO	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
	PBY-5A		1				28F5030								
	PBY-5A		1				28F7572								
	PBY-5		1				28F7572								
	PBY-5		1				28F5030								
	PBY-5		3				28F5030								
	XPBY-5						28F4077								
	PBY-4						28F4077								
	PBY-3														
	PBY-2														
	PBY-1														

S.O. #927-368

REQUIREMENTS PER AIRPLANE	MAT	PARTS LIST PER ASSY.
AC		
NAVY CM STEEL TUBE	4130	NONE
MATERIAL	SPEC	HEAT TREAT

C — FINISH

4-4-44 — DRAFT

REPLACED	APPROVED	DATE
REPLACED BY	CALC WT	ACT WT
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED 1/64	SCALE 12" = 1'-0"	

ENG. FILE

N.S.A. CODE
2 ANODIC TREATMENT
P PAINT PRIMER
ALUMINIZED PRIMER
CHROMIUM PLATE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF

SHAFT - FURN. - RADIO OPERATORS SEAT

OPP HAND —

DWG. B SIZE 28F4076

28F4076

28F4083

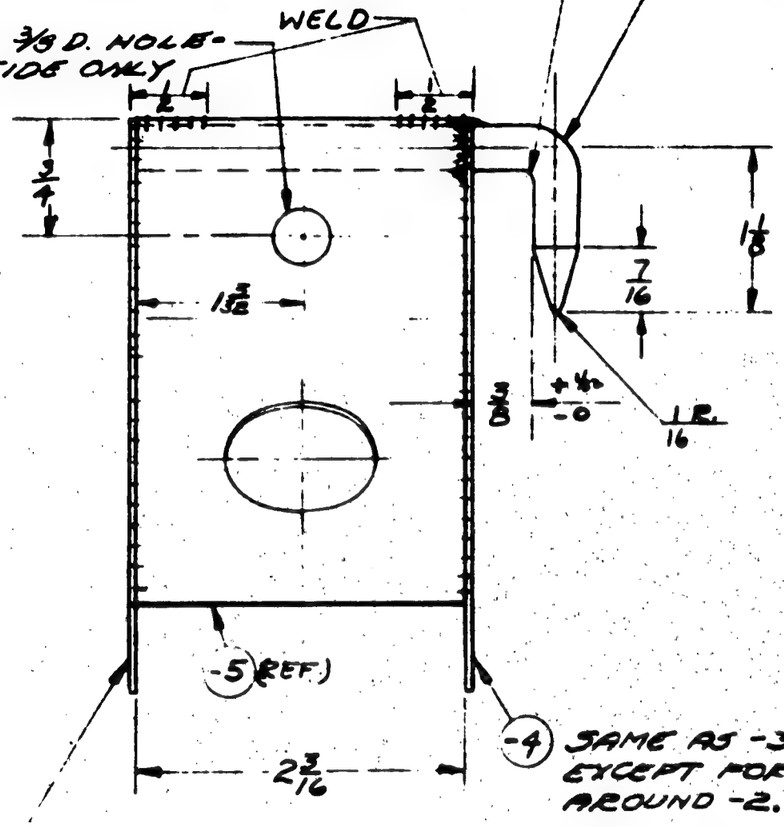
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	ON FACE, FOR -2, REPLACED SPEC "46328" WITH "AN-QQ-S-684" FOR -5 & -5, REPLACED SPEC. "47514" WITH "AN-QQ-S-685" IN H.T. BLOCK, REPLACED "NONE" WITH "90,000 TO 125,000 #/□" (NO WT. CHG.)		

(-2) 5/16 DIA. C.M. ST'L. BAR SPEC AN-QQ-S-684

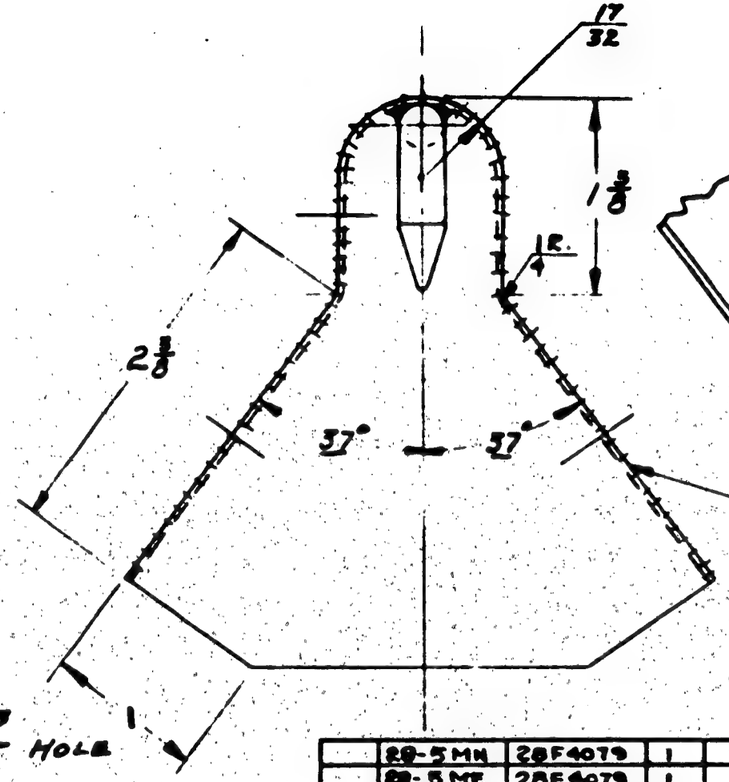
BEND SHARP AS POSSIBLE

WELD

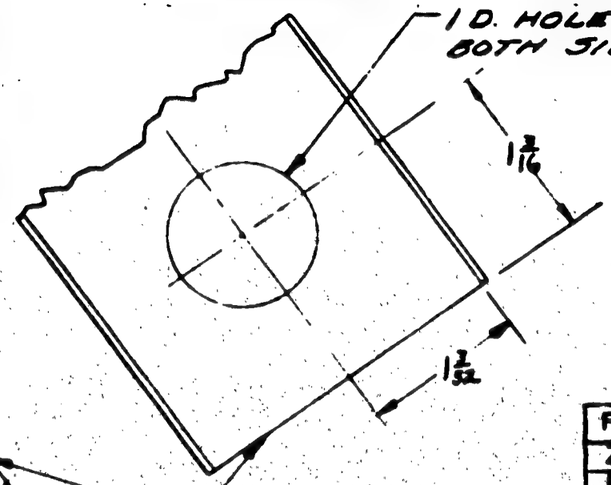
DRILL 3/8 D. HOLE - THIS SIDE ONLY



(-3) .049 C.M. ST'L. SH'T. SPEC AN-QQ-S-685



(-4) SAME AS -3 EXCEPT FOR HOLE AROUND -2.



(-5) .044 C.M. ST'L. SH'T. SPEC. AN-QQ-S-685

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

* PLANES #1241 - 1243 INCL. CONTRACT CHG "U" (29 Oct 43) SO. 930-37

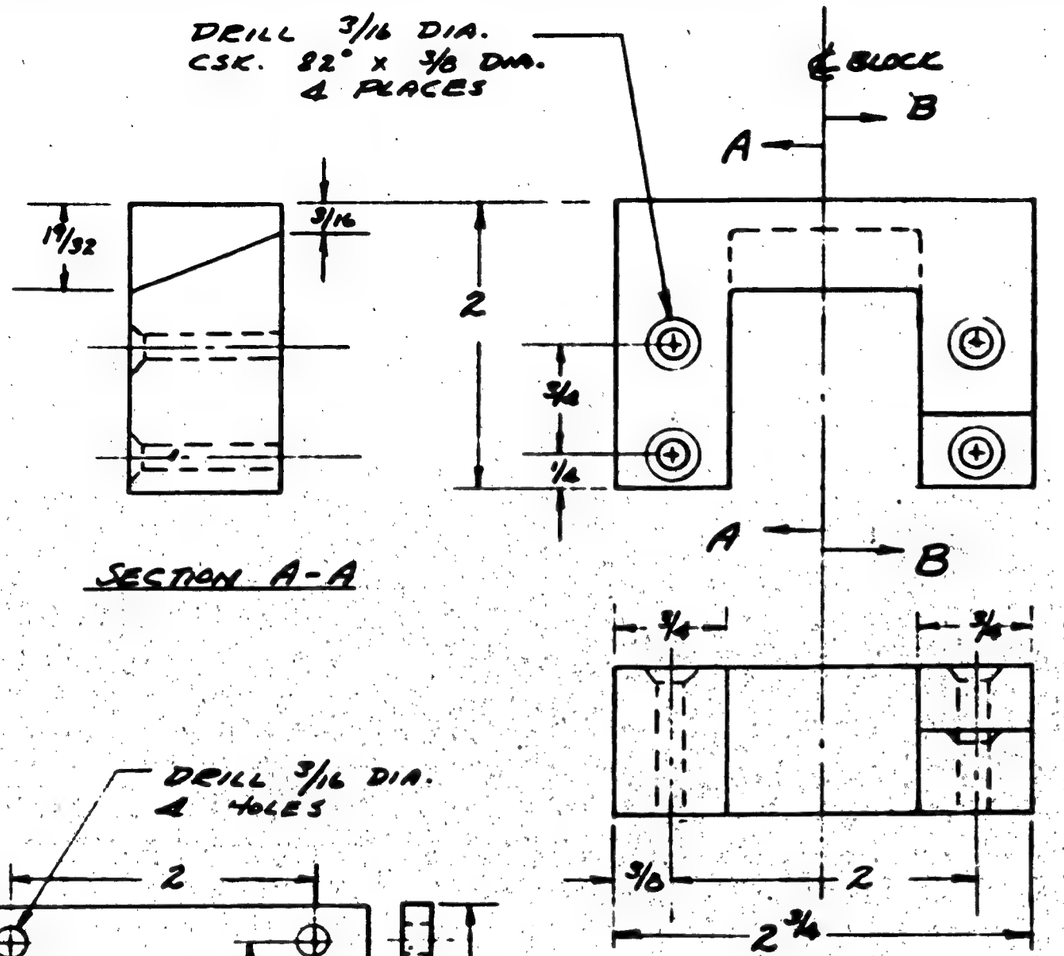
	28-5MN	28F4079	1																		
	28-5ME	28F4079	1																		
	28-5MC	28F4079	1																		
	28-5MA	28F4079	1																		
	PBY-5B	28F4079	1							28F4083-5	1										
	PBY-5A		1							-4	1										
	PBY-5		1							-3	1										
*	PBY-4	28F4079	1							28F4083-2	1										
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.																
AC																					
NAVY NOTED		NOTED		90,000 TS 125,000 #/□			C.-P.														
MATERIAL		SPEC.		HEAT TREAT			FINISH														

	28-5AMN	28F4079	1
	28-5AMC	28F4079	1
	MODEL	NEXT ASSY.	REQ

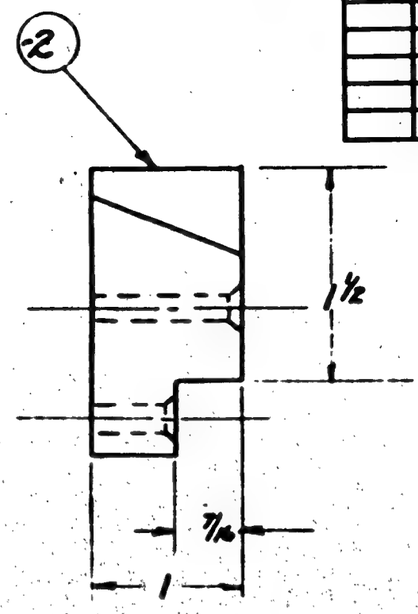
REPLACED	28F43	APPROVED	3-24-19 DATE
REPLACED BY	CALC. WT.	ACT. WT.	
1/64 ±	12" = 1'-0"		

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.	FITTING-FURN-UPPER-REAR ENTRANCE LADDER	OPP. HAND	DWG. B SIZE 28F4083

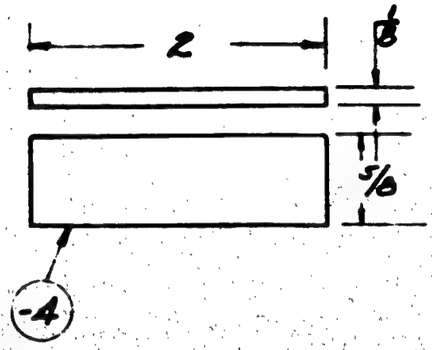
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

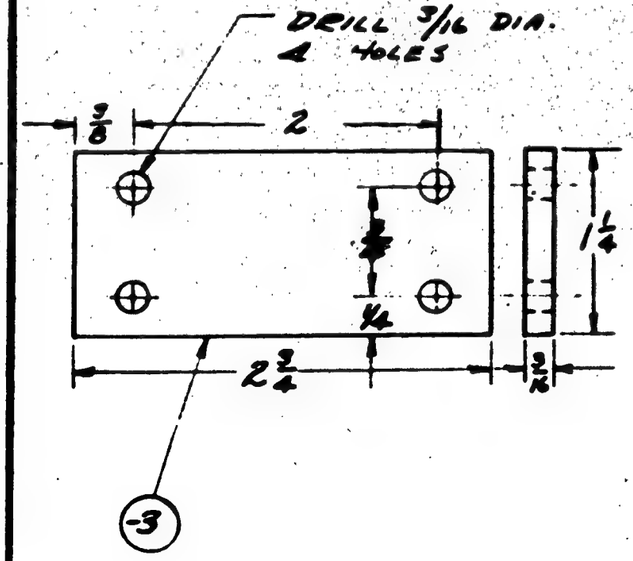


SECTION A-A



SECTION B-B



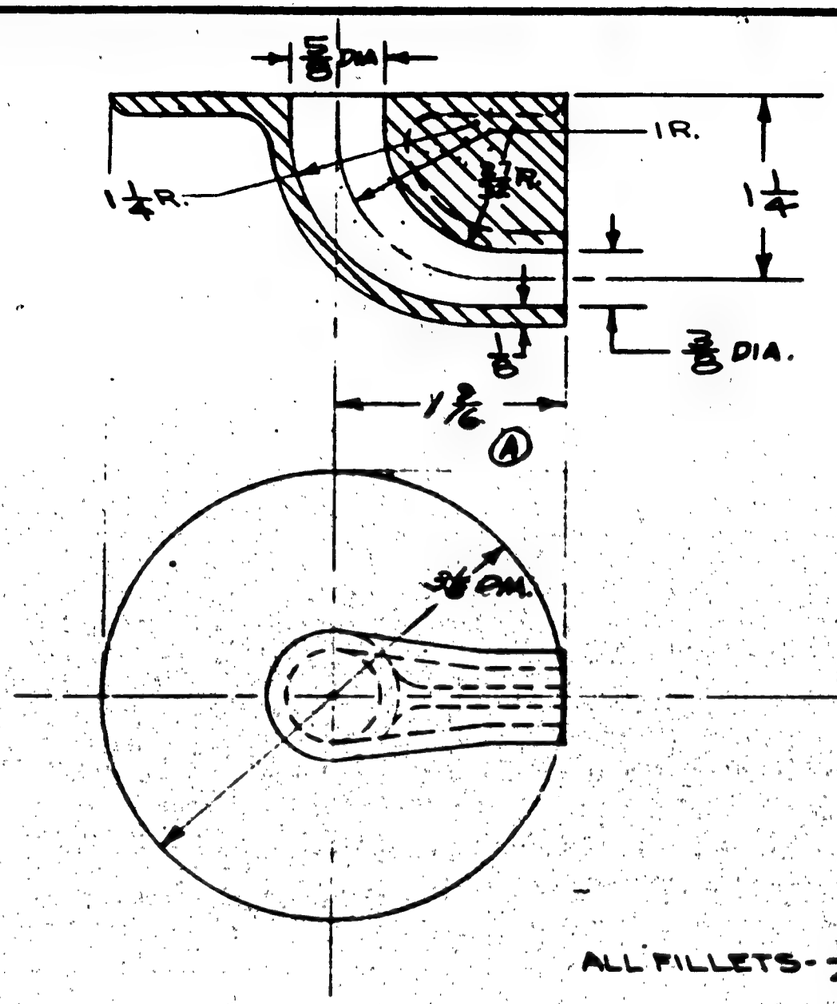


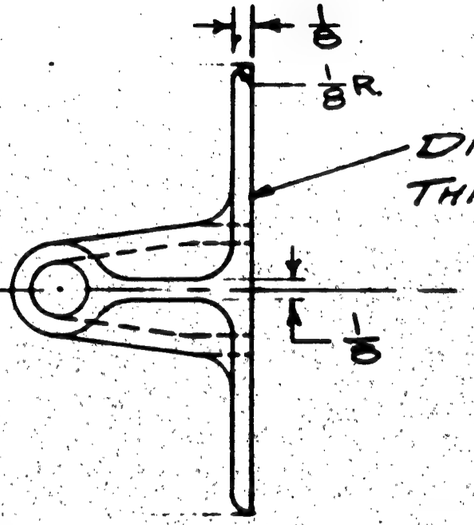
SHIPS #29-31 ONLY (1241-1243)

| | | |

INCORPORATES
PBY-4 BU. AER. CHG. #27

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	CHANGED 1/2 DIA. TO 1/4	6-23-43	DALE
B	IN B/M REPLACED ALCOA #195T4		
	46AI CL.4 & NONE WITH NOTED TO		
	FACE ADDED NOTE ON MATERIAL		
	NO WT. CHG.	8-23-43	HOOK





6P-GREEN PRIME

FINISH CODE	
Z	ANODIC TREATMENT
P	P-7 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

FINISH-Z-P-26P ALL OVER
INCLUDING INSIDE OF HOLE.

ALL FILLETS-1/4R.

(B)

MATERIAL MAY BE:
1.- AL. ALLOY CASTING 195T4, SPEC.
AN-QQ-A-390 CL.I, T.S. 29,000 P.S.I.; OR
2.- AL. ALLOY CASTING 319ST6, SPEC.
AN-A-5 CL. II, T.S. 32,000 P.S.I.

REPLACES	APPROVED	DATE
REPLACED BY	GALS. WT.	ACT. WT.
LIMITS ±	SCALE	12"=1'-0"

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH	RH	PART NO.	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH
	PBY-5A(SE)	28F4066	AR					REQ.		REQ.		REQ.		REQ.		REQ.	
	PBY-5	28F4066	1														
	XPBY-5	28F4066															
	PBY-4	28F4066															
	PBAM-, AM	28F4066	1 EA.														
	28-5ME-4N	28F4066	1 EA.														
	28-5MA-4C	28F4066	1 EA.														

REQUIREMENTS PER AIRPLANE		MAT.	PARTS LIST PER ASSY.				
AC							
NAVY NOTED	NOTED	NOTED	NOTED.				
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	ENGR.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.	RELIEF TUBE OUTLET-FURN.	ORD. HAND	
		ENG. B	28F4098

28F4098

E.O. A34748

LET	ALTERATION	DATE	BY
	REM'D DIM. 5/16 FROM -7 IN DETAIL OF -6 DIM. 3 1/32 "3/8" WAS 1/16, ADDED ±1/32 TOL. IN TITLE BLOCK. 6-24-42 MEETING		
A	INCORP. E.O. 10495	7-14-42	[illegible]
B	INCORP. 10/32 DIM. TO DETAIL -6	8-6-42	[illegible]
C	REMOVED AN 23-130, AN 320-3 (0) ADDED QT102 D10 (1), AN 960 C2-2 (0).	10-14-42	[illegible]
	ADDED AN 366-1032 (1), QT103-N11 (1) AN 73-11 (1), AN 320-3, REQ'MTS. PER 28F4A, AB-16.		
D	ALCLAD WAS 24S. ALLOY, 52S WAS 61S-T6. ADDED STOCK SIZES 6-7, E-81	3-10-43	[illegible]
E	52S-H34 (NO WT CHG)	3-10-43	[illegible]
F	52S-H32 COULD BE MADE ST (NO WT CHG)	3-12-43	[illegible]
G	AC366-1032 WAS AC366-1032 (NO WT CHG)	3-12-43	[illegible]

RIVET LOCATION 4 PLACES

DRILL #10 (.194) THRU -6, -7, & -8
(E) AN 210-1A PULLEY (2)
(E) AC 366-1032 NUT PLATE (1)
QT103-N1 GASKET (1)
QT102 D10 WASHER (1.)
(E) AN 73-10 BOLT (1)

-6 GUARD

-7

-8

20°

(G) AN 25-D RIVET C'SINK INSIDE -8

AN 442-D3

ALL BEND RADII ON -7 & -8 = 1/8

DETAIL OF -6 GUARD

G P-GREEN PRIME

FINISH CODE

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

CONT "91876

ASSY BASIN NO.	MODEL	NEXT ASSY.	QUAN.
	PBY-5	28F4103	1
	PBY-5A	28F4103	1
	XPBY-5A	28F4103	1

REQUIREMENTS PER AIRPLANE

REPLACES	CALC. WT.
REPLACED BY	ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
QT102-D10				1									
AN 960-C2 (C)													
AN 442-D3													
QT103-N11 (E)													
AC 366-1032 (E)													
AN 210-1A				2									
AN 73-10 (E)				1									
-8	.051 x 2 x 9	ALCLAD 24S	47A8 COND A	1									
-7	.051 x 2 x 3 1/2	ALCLAD 24S	47A8 COND A	1									
-6	.025 x 7/8 x 3 3/4	ALCLAD 24S	47A8 COND A	1									

A C		7-14-39	
NAVY SR-53	Z-P-2 GP	NUMBER	
HEAT TREAT	FINISH	DRAFT	CHECK [illegible] STRUCT. [illegible] MAT. [illegible] APPROV. 7-17-39 ENG

NAME BRACKET ASSEMBLY
B.S.-STA. 0.33 CONTROL PULLEY

OPP. HAND —

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B

28F4115

R

LET	ALTERATION	DATE	BY
A	ON FACE OF DWG 9" DIM WAS 2"	9-10-41	BARNA
	CHANGED LOCATION OF STOWAGE		
	BAG FROM STRINGERS 162, 164		
	166 TO 164, 166 & 168		
B	ADDED -2 ASS'Y IN B.M AND	1-16-42	JENSEN
	FACE OF DWG		
C	STRINGERS ON -0 ASS'Y CHANGED	11-6-42	JENSEN
	FROM - 1103, -1104 -1105 TO - 1104,		
	- 1106 & - 1108 RESPECTIVELY.		

-0 ASSEMBLY
PLAN VIEW - STARB'D SIDE
SCALE - 6" = 1'-0"

-2 ASSEMBLY
PLAN VIEW - PORT SIDE
SCALE - 3" = 1'-0"

WORK ORDER
VENING
10-10-41
E.O.A 21186

SNUBBING POST

STENCIL LETTERS ½ HIGH

B.F. 0.GG

BULK'D #1

2

2⅛

5/16

(A) (B) STRINGER (28D5500-1104 REF)

(B) 4 STRINGER (28D5500-1213 REF)

STRINGER (28D5500-1211 REF.)

STRINGER (28D5500-1209 REF)

SNUBBING POST STOWAGE BAG 28F2524

DRILL #28 (.140) ON INSTALL. (6 HOLES)
AN520-D10-8
AC565-D1032
AN960-D10

FW'D.

FW'D.

(A) (B) STRINGER (28D5500-1106 REF)

DRILL #28 (.140) ON INSTALL. (6 HOLE
AN520-D10-8
AC365-D1032
AN960-D10

(A) (B) STRINGER (28D5500-1108 REF)

(A) 9

28F2524-0

VIEW AFT FROM B.F. 0.GG (NO SCALE)

28F2524-2

VIEW AFT FROM BULK'D #1 (NO SCALE)

2⅛

STENCIL LETTERS ½ HIGH

SNUBBING POST

-0	28-5AMN	28F6005	1
-2	28-5AMC	28F6005	1
	FBV-5A	28F6002	1
	10BV-5A	28F1902	1

ASSY. DASH NO.	MODEL	NEXT ASSY.	QUAN.

REQUIREMENTS PER AIRPLANE

REPLACES — GALS. WT.

REPLACED BY — ACT. WT.

LIGHT ON DRAWING UNLESS OTHERWISE SPECIFIED — SCALE: NOTED

+ 1/8

STAMP PART NUMBER WHERE SHOWN

AC365-D1032
AN960-D10
AN520-D10-8

28F2524
-8

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
PARTS LIST PER ASSY.													

AC								
NAVY	—	—						
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG	

NAME STOWAGE-FURN'S-
SNUBBING POST

OPP. HAND NONE

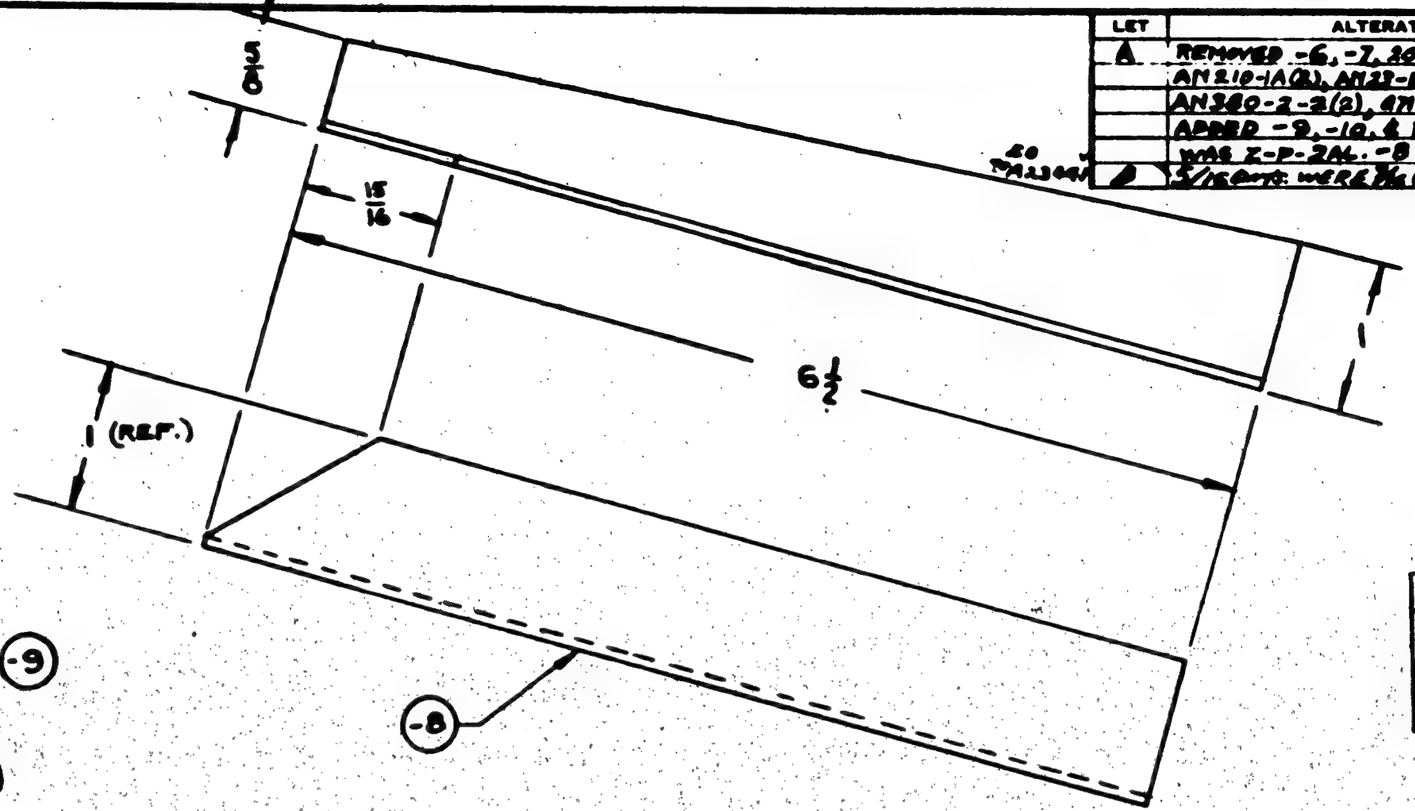
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B

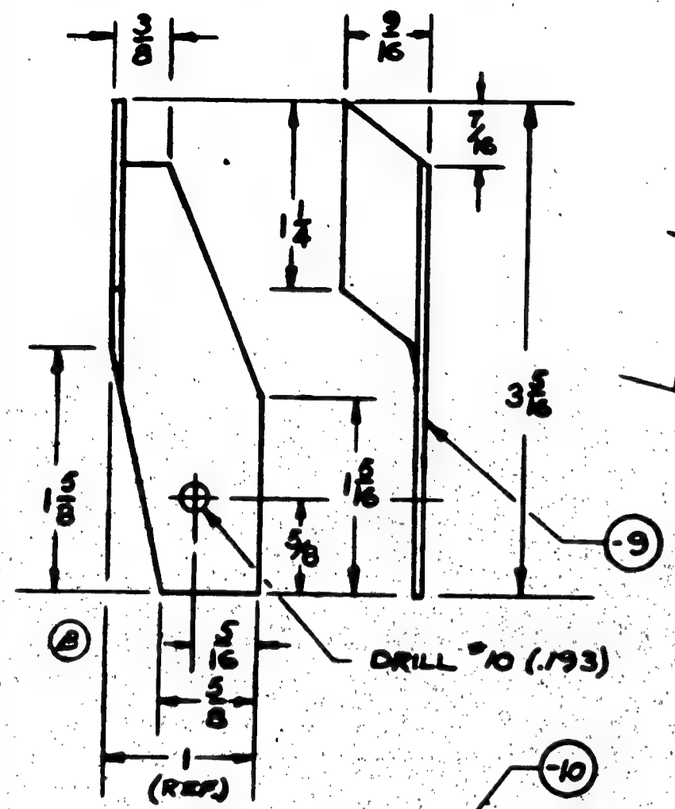
28F4158

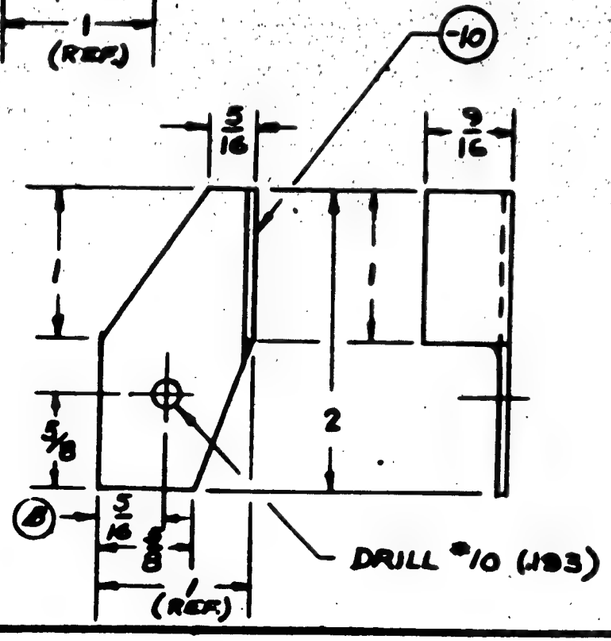
R

LET	ALTERATION	DATE	
A	REMOVED -6, -7, 28F2185-3, -4-6, AN210-1A(2), AN22-1B(2), AN960-2(2), AN960-2-2(2), 47162-A10(6) ADDED -9, -10, & REQMTS. FINISH		
	WAS Z-P-2AL. -8 WAS Y2-D44T.	11-30-42	BILLING
B	5/16 CHGD. WHERE SHOWN (CPD INC. C-415)	3-13-43	CONSOL



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE





-10	PBY-5A	28F4103	1
-9	PBY-5A	28F4103	1
-8	PBY-5A	28F4103	2
	XPBY-5A	28F4103	1
ASSY. DASH NO	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

REPLACES — CALC WT

REPLACED BY — ACT WT

LIGHT ON HEAVIER SIDE OVERCOMES DIFFERENCE + 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
-10	K78J x 2 1/2	ALUM. AL. EXT.	46A9-T										
-9	K78J x 3 1/2	ALUM. AL. EXT.	46A9-T										
-8	Y2-A44T ASS'D												

PARTS LIST PER ASSY.

AC			
NAVY None HEAT TREAT	Z-P-AP FINISH	DRAFT	CHECK / STRUCT. / MAT / APPROV / ENG

NAME BRACKET ASS'Y- B.S. STA. 0-66- OUTB'D. PULLEY.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

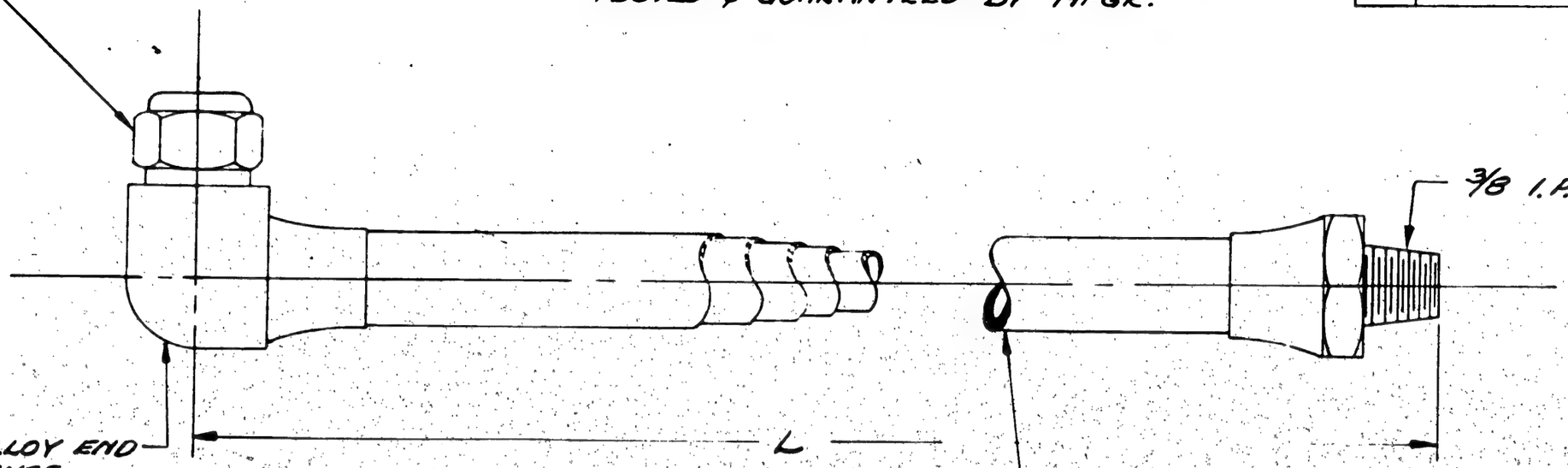
DWG B SIZE 28F4167

R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

NAF-310500 SWIVEL (UNION) COUPLING 7/8-14 THD. (NF-3)

OIL & GAS HOSE WORKING PRESSURE-700 LBS. TEMP. TOLERANCE -35°+300°F. TESTED & GUARANTEED BY MFGR.



AL ALLOY END FITTINGS FINISH - ANODIZE

PARAPRENE OR NEOPRENE COVER - COTTON BRAID - FABRIC OR NEOPRENE LINER - COTTON BRAID - PARAPRENE OR NEOPRENE INNER TUBE

PART NO	L
28F4504-2	10 3/4"
28F4504-3	16"

MAY BE PURCHASED FROM:
FLEXO-TUBE CO., DETROIT, MICH.
OR
WEATHERHEAD CO., CLEVELAND, OHIO.

#1-109

REPLACES	APPROVED	DATE
REPLACED BY	AN S 12-9-38 CALC. WT.	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED 1/32 ±	SCALE NONE	

O.H.	MODEL	NEXT ASSY.	REQ	ST'D PARTS	LH REQ	RH REQ	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-3	PBY-5B	28F5513	1												
-2	PBY-5B	"	1												
-3	Comm'l	28F4501													
-2	Comm'l	28F4501													

REQUIREMENTS PER AIRPLANE | MAT | PARTS LIST PER ASSY.

AC				12-6-38			
NAVY NOTED	COMM	NONE	NOTED	BEVILLE		Mueller	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. NO. WHERE SHOWN

1/2 I.D. FLEX HOSE - FURN. - GYRO PILOT

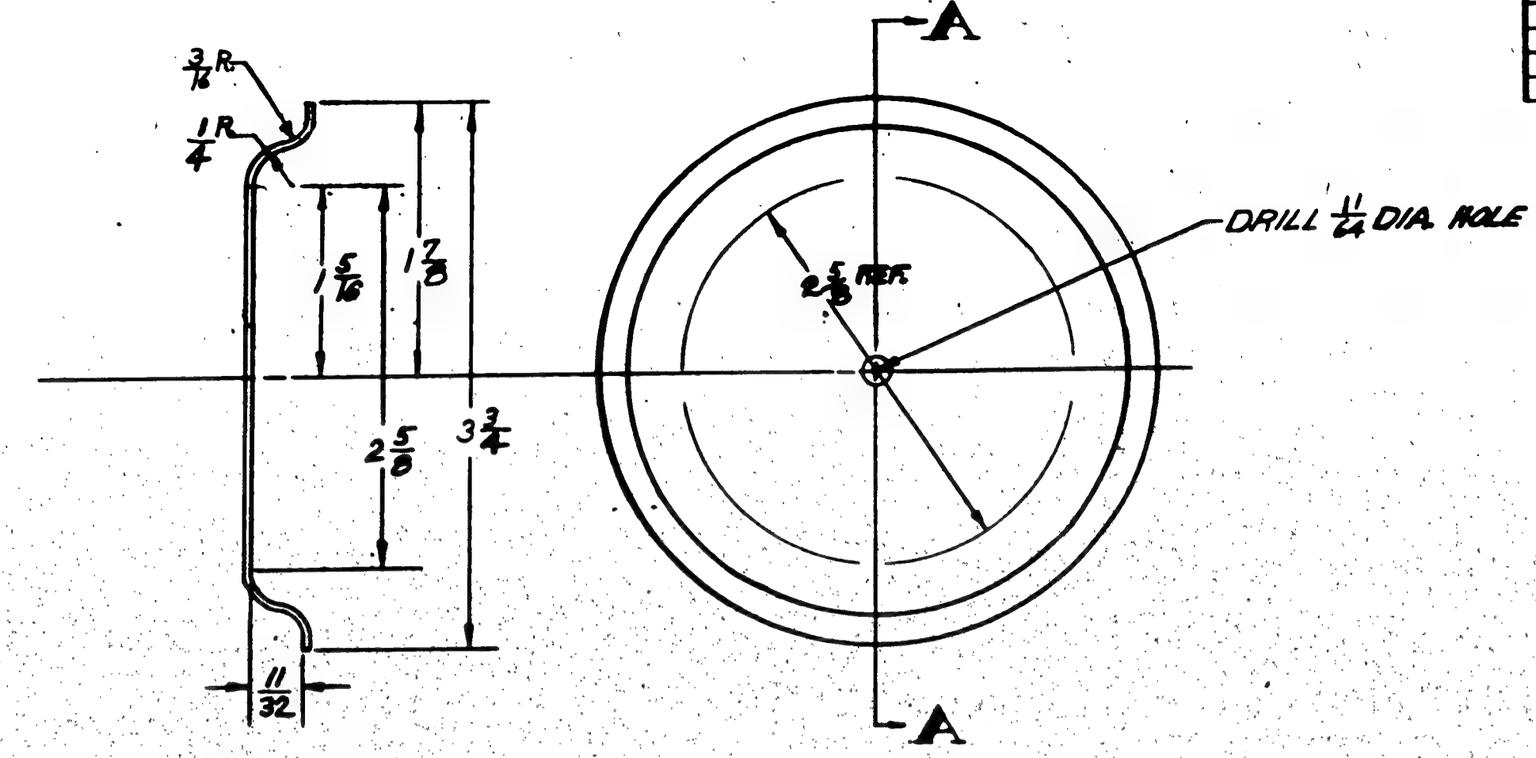
OPP. HAND

DWG. SIZE B

28F4504

R

LET	ALTERATION	DATE	BY



SECTION A-A

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY DASH NO	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28F5066	1
	PB2Y-3	28F5048	1
	PBY-5A	28F5066	1
	PBY-5	28F5066	1

REQUIREMENTS PER AIRPLANE

REPLACES — CHG. NO.

REPLACED BY — ACT. NO.

LIST ON ENGINEERING ORDERS / ENGINEERING DRAWINGS: 1 - 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.040 x 8 3/4 DIA.	ALCLAD 2M.	47A[illegible] A	-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC										
NAV' SR 53	ZP - AP	Thomas 13 Oct 39			1/10/40					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.			

NAME COVER PLATE.- FURNS- DRIFT SIGHT-HULL

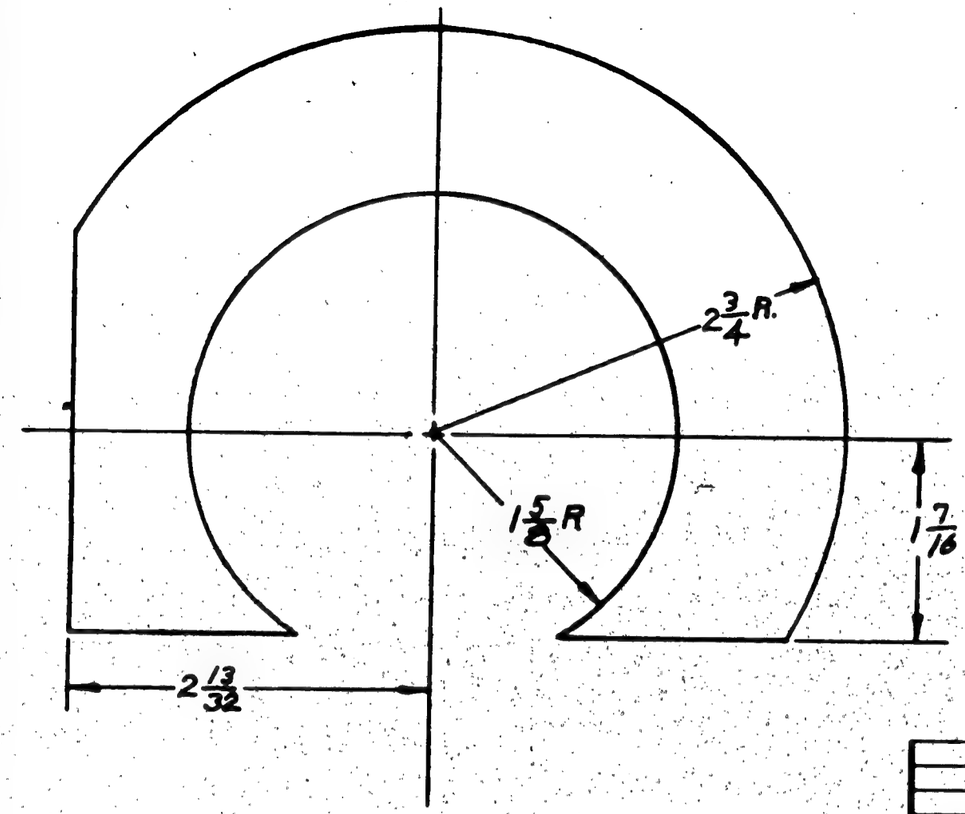
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

DWG. B SI. 28F5054

C.A.C. GOODYEAR

LET	ALTERATION	DATE	BY



FINISH CODE	
Z	ANODIC TREATMENT
P	P-37 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. DASH NO	MODEL	NEXT ASSY.	QTY.
	PBY-5B	28F5009	1
	PBY-5A	28F5008	1
	PBY-5	28F5008	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ASSY. WT.

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± .032 — SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
PARTS LIST PER ASSY.		.063-.43/16-3/4 ALCLAD 245 4 TAB CONST											

AC

NAVY NONE

HEAT TREAT

ZP-AP

FINISH

DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.
11/4/39	12/[illegible]		1/10/40	1/11/40	

NAME PLATE-FURNS-DRIFT SIGHT REINFORCING

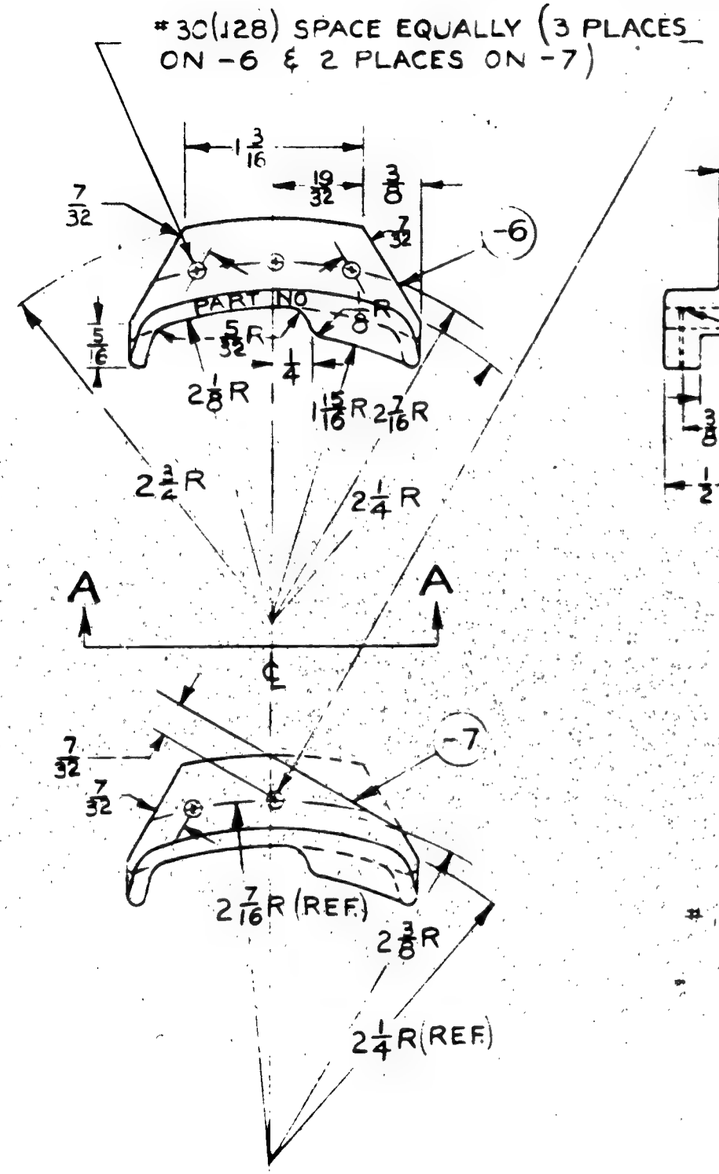
OPP. HAND

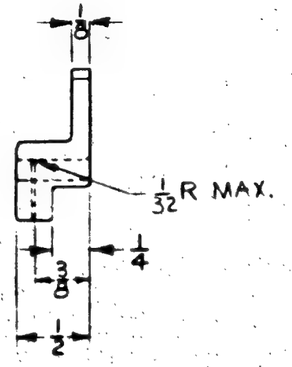
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

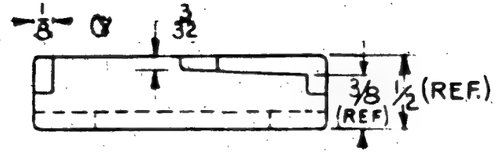
DWG. SIZE B

28F5056

LET	ALTERATION	DATE	BY
H	TRACED NO WT. CHG.	10-2-43	WILCOX







BOTTOM VIEW A-A

NOTE:
HOLES MUST MATCH WITH 28F5056
FILLET RADII TO BE MINIMUM UNLESS OTHERWISE SPECIFIED. ALLOW DRAFT AS REQUIRED.

ASSY DASH NO	MODEL	NEXT ASSY.	REQ'D
-7	PBY-5	28F5009	1
-6	PBY-5	28F5009	2
-7	PBY-5B	28F5009	1
-6	PBY-5B		2
-7	PBY-5A		1
-6	PBY-5A		2
-7	28-5MN (ARMY)		1 EA
-6	28-5MN (ARMY)	28F5009	2 EA
-6	PB2Y-3	29F4338	3

REQUIREMENTS PER AIRPLANE

REPLACES 28F5057 12-28-39 CALC. WT.

REPLACED BY ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
MAT'L MAY BE :-	(CAST'G 195T4) T.S. 29000 PSI	AL AL	CL I AN-QQ-A390										
OR 2-	(CAST'G S195T6) T.S. 32000 PSI	AL AL	AN-A-5 CL II										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		THOMAS	JEWELL			CW	K
NAVY NOTED	2-P-2AP	12-28-39	12-30-39			GREEN	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME RETAING BRK'T-FURN-DRIFT SIGHT SUPPORT.

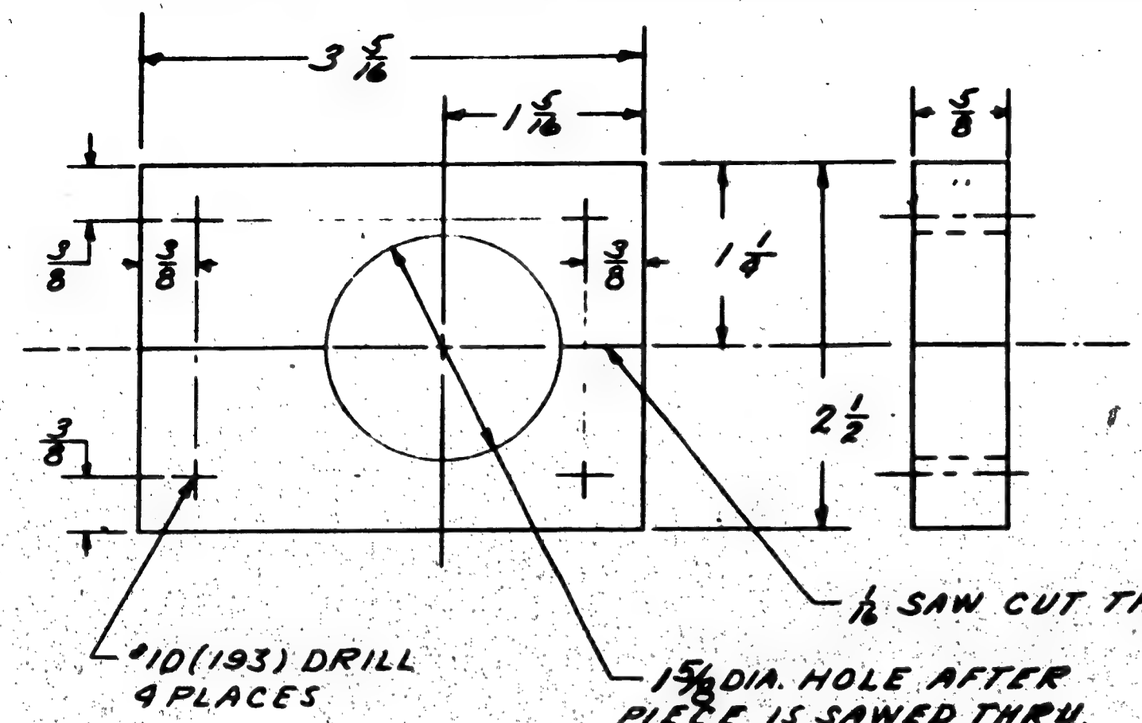
OPP. HAND NONE

CONSOLIDATED VULTEE AIRCRAFT CORP. SAN DIEGO DIVISION . . SAN DIEGO, CALIF.

DWG. SIZE B 28F5057

GOODYEAR

LET	ALTERATION	DATE	BY
A	CHANGED 1 1/32 DIM. TO 1 3/8. NO CHG IN WT.		



ASSY. DASH NO	MODEL	NEXT ASSY.	QTY.
	PBY-5A	28F5050	1
	PBY-5	28F5060	1

REQUIREMENTS PER AIRPLANE

REPLACED .19 Calc. Wt.

REPLACED BY Act. Wt.

SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-0	1/32 x 2 3/4 x 3 5/16	ALCLAD	24S-T36	1									
-2	1/32 x 2 3/4 x 3 5/16	ALCLAD	24S-T36		1								
-3	1/32 x 2 3/4 x 3 5/16	ALCLAD	24S-T36			1							
-4	1/32 x 2 3/4 x 3 5/16	ALCLAD	24S-T36				1						
-5	1/32 x 2 3/4 x 3 5/16	ALCLAD	24S-T36					1					

PARTS LIST PER ASSY.

AC							
NAVY NONE	NONE	1-10-44	CHECK	STRUCT.	MAT.	PROCESS	ENG.
HEAT TREAT	FINISH	DRAFT					

NAME BLOCK-FURN'S-DW
LOOP SHAFT-SUPPORT

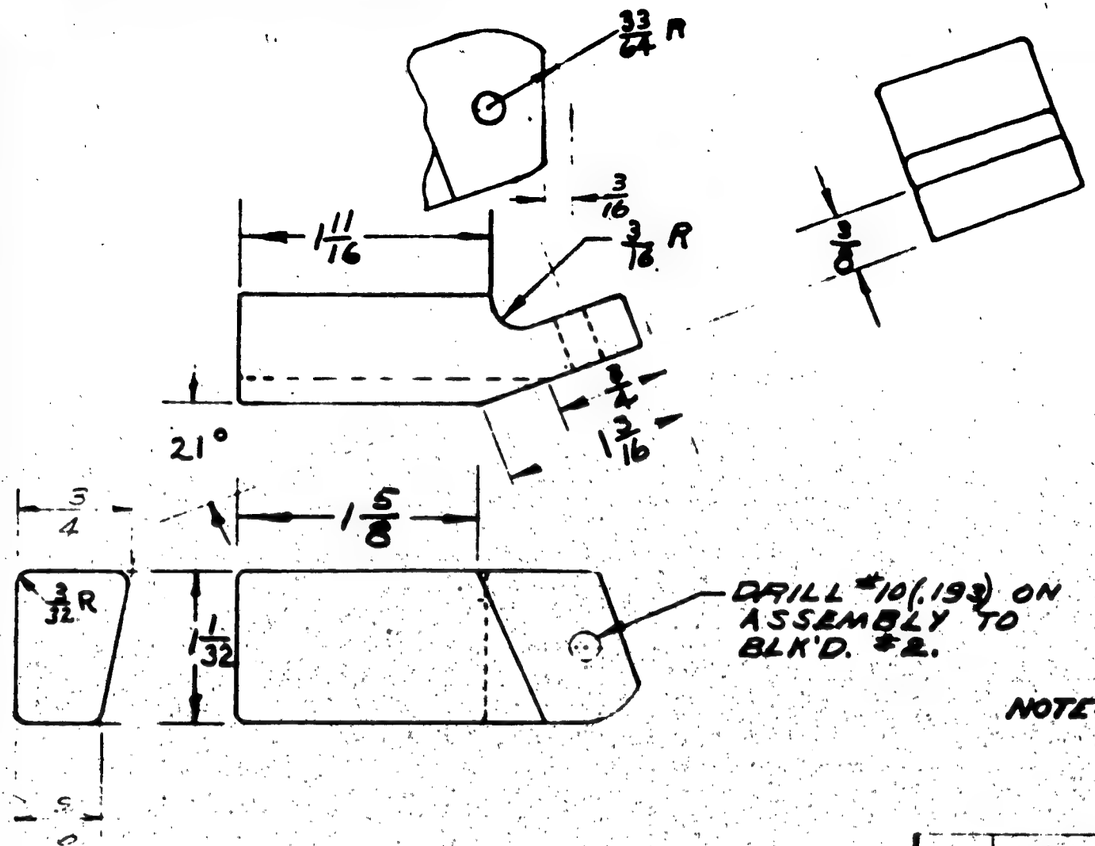
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

SIZE B

28F5067

LET	ALTERATION	DATE	BY



NOTE: ALL EDGES 1/16 R. EXCEPT WHERE NOTED.

FINISH CODE

Z	ANODIC TREATMENT
P	A-37 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY DASH NO	MODEL	NEXT ASSY.	QTY
-R	PBY-5A&B	28F5060	1 EA
-L	PBY-5A&B	28F5060	1 EA
-1	PBY-5	28F5060-1	1
	PBY-5	28F5090	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT .15

REPLACED BY — ACT. WT

LIGHT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED: 1/32 & NOTED — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
		N.AL.CAST.	46A1-T6.4										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		Drawn	James H. Gean	E.		
NAVY 29,000 #/in²	Z-P-AP	4/29/39	11/24/39			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME FITTING-FURNS.-SUPPORT-PILOTS SEAT.

OPP. HAND 28F5090-1

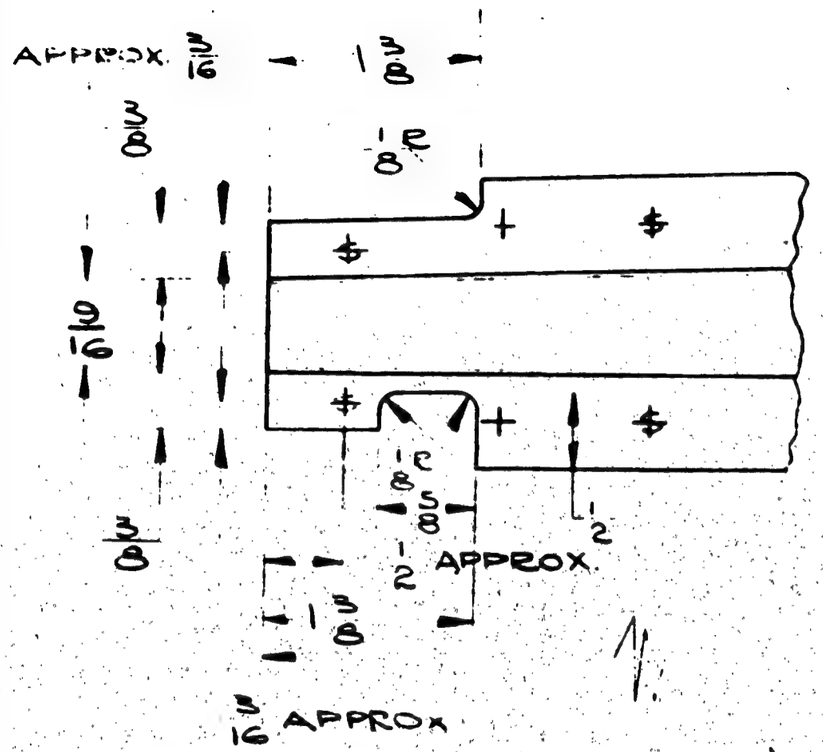
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

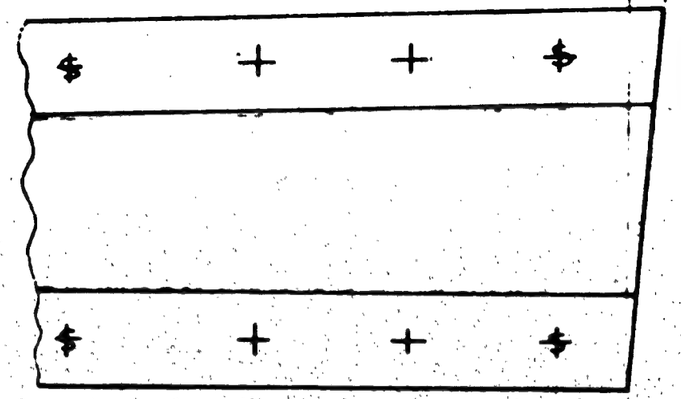
DWG. B SIZE

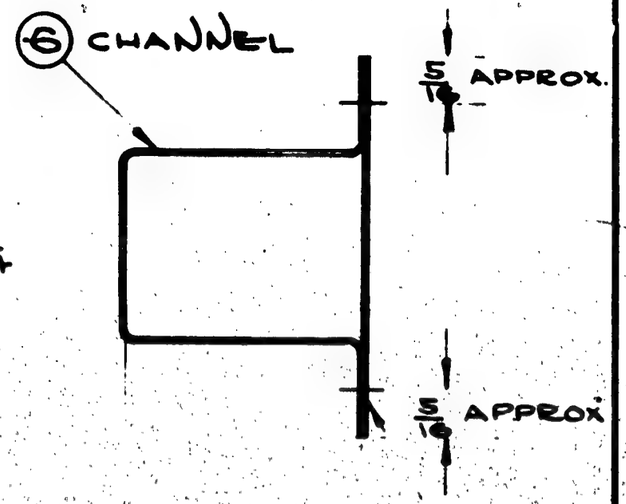
28F5090

TO R.

LET	ALTERATION	DATE	BY







FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

1 9/16

PLATE -7

NOS 2299-2488 INCL AS PER CONTRACT CHANGE

NOTES:

1/2 BEND RADII

APPROX. 1" SPACING BETWEEN ADJACENT SPOTWELDS

ASSY DASH NO	MODEL	NEXT ASSY	QTY
-R	PBY-5A&B	28W5013	2
-L	PBY-5A&B	28W5013	2
-R	PBY-5	28W5012	2
-L	PBY-5	28W5012	2

REQUIREMENTS PER AIRPLANE

REPLACES — CALC WT.

REPLACED BY — ACT WT

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC	LH REQ -0	RH REQ -0	LH REQ -2	RH REQ -2	LH REQ -3	RH REQ -3	LH REQ -4	RH REQ -4	LH REQ -5	RH REQ -5
-7	.025 x 2 5/16 x 25 3/4	ALCLAD	4748 COND T	1	1								
-6	.025 x 5 3/4 x 25 1/2	ALCLAD	4748 COND T			1	1						
-5	.025 x 5 3/4 x 25 1/2	ALCLAD	4748 COND T					1	1				

PARTS LIST PER ASSY.

AC								
NAVY NONE	Z-P-ZAP	2-9-40	2-11-40		5/16	4-3	11-40	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV.		ENG.

NAME TUBE-ARM'T.-TORP. HOIST CABLE GUARD

OPP HAND 28F5092-R

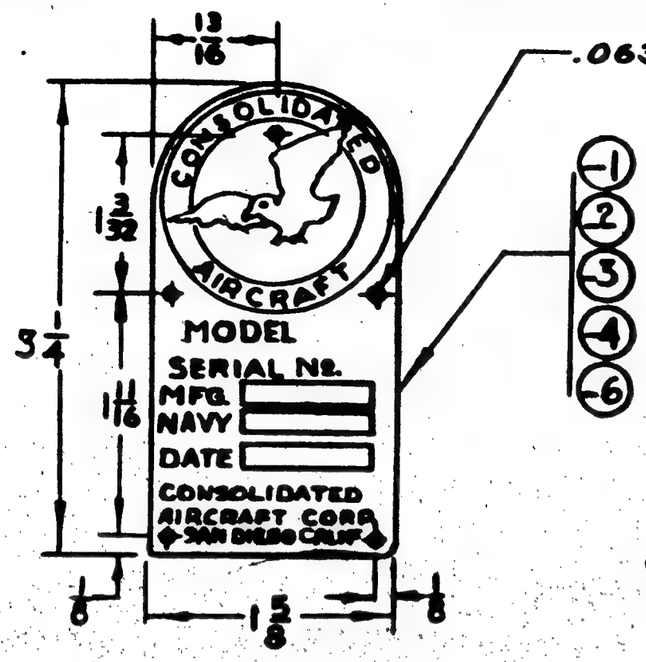
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF

DWG. B 28F5092

SIZE

LET	ALTERATION	DATE	BY
G	TRACED NO WT. CHG.	7-31-40	
H	IN ACC. PER AIR MOCK UP LIMITED	8-21-40	
	-1 FOR PBY-5 NA 28F5096-1		
	TO NCR 1009-1 & LIMITED -3		
	FOR PBY-5A NA 28F5096-1 TO		
	NCR 316-1 NO WT CHG.		

28F5096



C. Nos (5) 4 & 7 (2 of) TO NCR 316-1

-3	PBY-5A	28F5096	
-700	28-5AMN	28F5646	
-700	28-5AMC	28F5647	
-700	28-5MN	28F5648	
-700	28-5MC	28F5649	
-700	28-5MC	28F5651	
-700	28-5MA	28F5671	
-6	XPB2Y-3	28F5094-6	
-6	PB2Y-3	28F5094-6	
-2	PB2Y-2	28F5003	
-4	PBY-5A	28F5096-1	
-3	PBY-5A	28F5096-1	
-3	PBY-5A	28F5096-1	
-	PBY-5	28F5096-1	
-	PBY-5	28F5096-1	
ITEM NO.	MODEL	NEXT ASSY.	QTY.

REQUIREMENTS FOR AIRPLANE

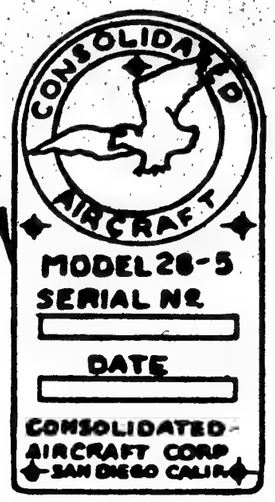
REPLACES 28F5096 -3-22-40	SHT. WT.
REPLACED BY 28F7717	ASY. WT.
SCALE OF ENGINEERING DRAWING 1/32	SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

#1-159 & 161 TO 180 } #1-5

C. 28476 & (NOTE 3) #4 & #5
C. 70496 & C. 77713
C. 28476 TO NCR 1009-1
C. 70496

(700) MAKE FROM -1 BLANK



NOTE:— MODEL NUMBER OPPOSITE THE RESPECTIVE DASH NO TO BE ETCHED ON PLATE. (EXCEPT -700 WHICH IS TO BE AS SHOWN FOR ALL 28-5 MODELS.)

RAISED LETTERS, BLANKS TO BE POLISHED. BACKGROUND ETCHED IN DULL BLACK LACQUER. STAMP PART NO. ON BACK.

PURCHASE TO DWG

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-700	.040 x 1 3/4 x 3 3/8	AL-AL SHT	47A2 1/2 H										
-6	.040 x 1 3/4 x 3 3/8	AL-AL SHT	47A2 1/2 H										
-4	.040 x 1 3/4 x 3 3/8	AL-AL SHT	47A2 1/2 H										
-3	.040 x 1 3/4 x 3 3/8	AL-AL SHT	47A2 1/2 H										
-2	.040 x 1 3/4 x 3 3/8	AL-AL SHT	47A2 1/2 H										
-	.040 x 1 3/4 x 3 3/8	AL-AL SHT	47A2 1/2 H										
PARTS LIST PER ASSY.				-0									-5

AC		KENNEDY				GREEN	R
NAVY NONE	NOTED	3-22-40					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME IDENTIFICATION PLATE INSTR PANEL

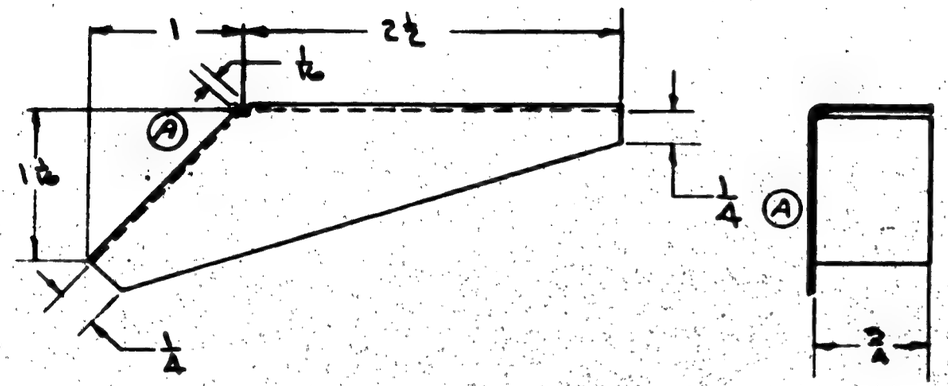
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — 28F 5096

R

LET	ALTERATION	DATE	BY
A	REVISED W/R & THK DIM.		
B	REVISED PER PRESENT PRACTICE	7-15-42	MAS



BEND RADII 1/16

FINISH CODE	
Z	ANODIC TREATMENT
P	P-07 PRIMER
AP	ALUMINIZED PRIMER
C	CHROMIUM PLATE

ASSY DASH NO	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28F5120	1
	PBY-5	28F5120	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

LIGHT OR DARKENING UNLESS OTHERWISE SPECIFIED: K — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
	.040 x 3 x 4	ALCLAD	61A0 Comm't										

PARTS LIST PER ASSY.

AC		DRAFT	LCN			7-17-42		
NAVY	Z-P-AP	7-12-42						
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME SUPPORT-F-ANTENNA SWITCHING & CLOCK PANEL

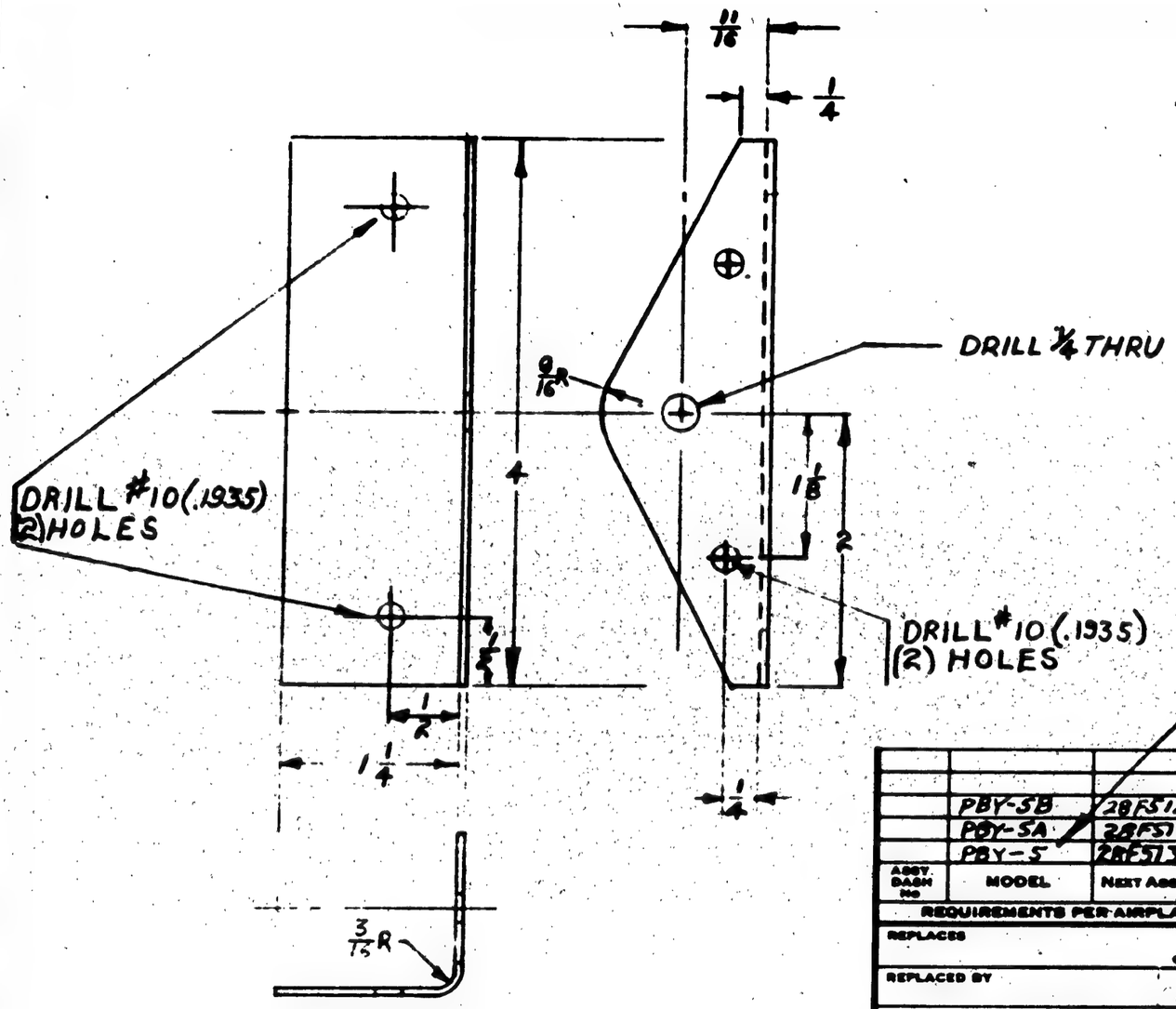
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — 28F5117

K

LET	ALTERATION	DATE	BY



CONTRACT CHANGE "J"
SO. 936-17
INSTALLED BY C.A.C. TO START
WITH #25 PBY-5 AIRPLANE.
PARTS TO FURNISHED BY C.A.C.
& INSTALLED BY NAVY ON
AIRPLANE S #1 TO #24 INCL.

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY DASH NO	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28F5127	4
	PBY-5A	28F5137	4
	PBY-5	28F5137	4

REQUIREMENTS PER AIRPLANE

REPLACES — .040 CALC. WT.

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
	.078 x 2½ x 4⅝	AL. ALLOY SHT.	47A10-T										

AC		CHERRY				
NAVY NONE	ZP-2AP	7/25/40	STONER		8/1/40	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRACKET-TURN'S WAIST GUN. SEAT RETRACTING SPRING

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

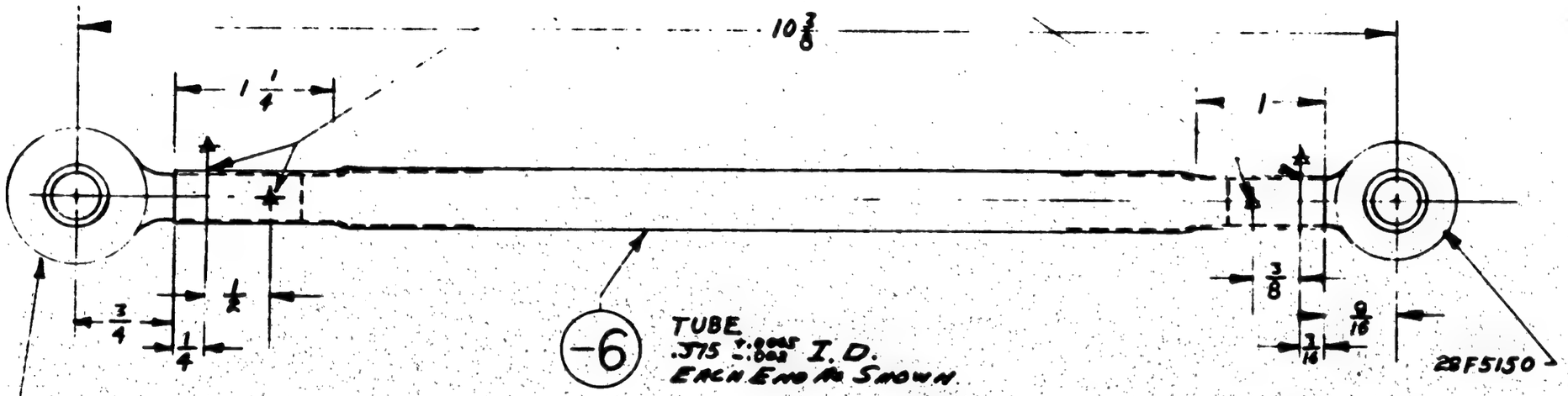
OPP. HAND

DWG. B SIZE 28F5148

R FF

LET	ALTERATION	DATE	BY
A	-6-24ST SPEC. 44T28A CONDT		—
.	WAS-17ST SPEC. 44T21 CONDT (HRD. WIRE SHR.)	7-6-42	Bowers

AN442-AD4
4 PLACES



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

NOTE: FINISH -6, Z-P-2AP IN & OUT

CONTRACT CHANGE "J"
S.O. 836-17
INSTALL. BY C.A.C. TO START WITH #25 PBY-5 AIRPLANE.
PARTS TO BE FURNISHED BY C.A.C. & INSTALLED BY NAVY ON AIRPLANES #1 TO #24 INCL.

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28F5146	2
	28-5AMC AMN	28F5146	2 EA
	28-5MC MN	28F5146	2 EA
	PBY-5A	28F5146	2
	PBY-5	28F5146	2

REQUIREMENTS PER AIRPLANE

REPLACES .0839 Basic Wt.

REPLACED BY Act. Wt.

Layout on Engineering Drawings 1/32 | SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN442-AD4													
28F5150				1									
28F5151					1								
-6	.049 x .277 x 9 1/2	AL. ALLOY TUBE	44T28A cond. T	1				1					

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC		CHERRY					
NAVY NONE	NOTED	7/16/40	SINGER		9/23/40	9/23/40	R
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRACE - FURNS. - WAIST GUNNER'S SEAT.

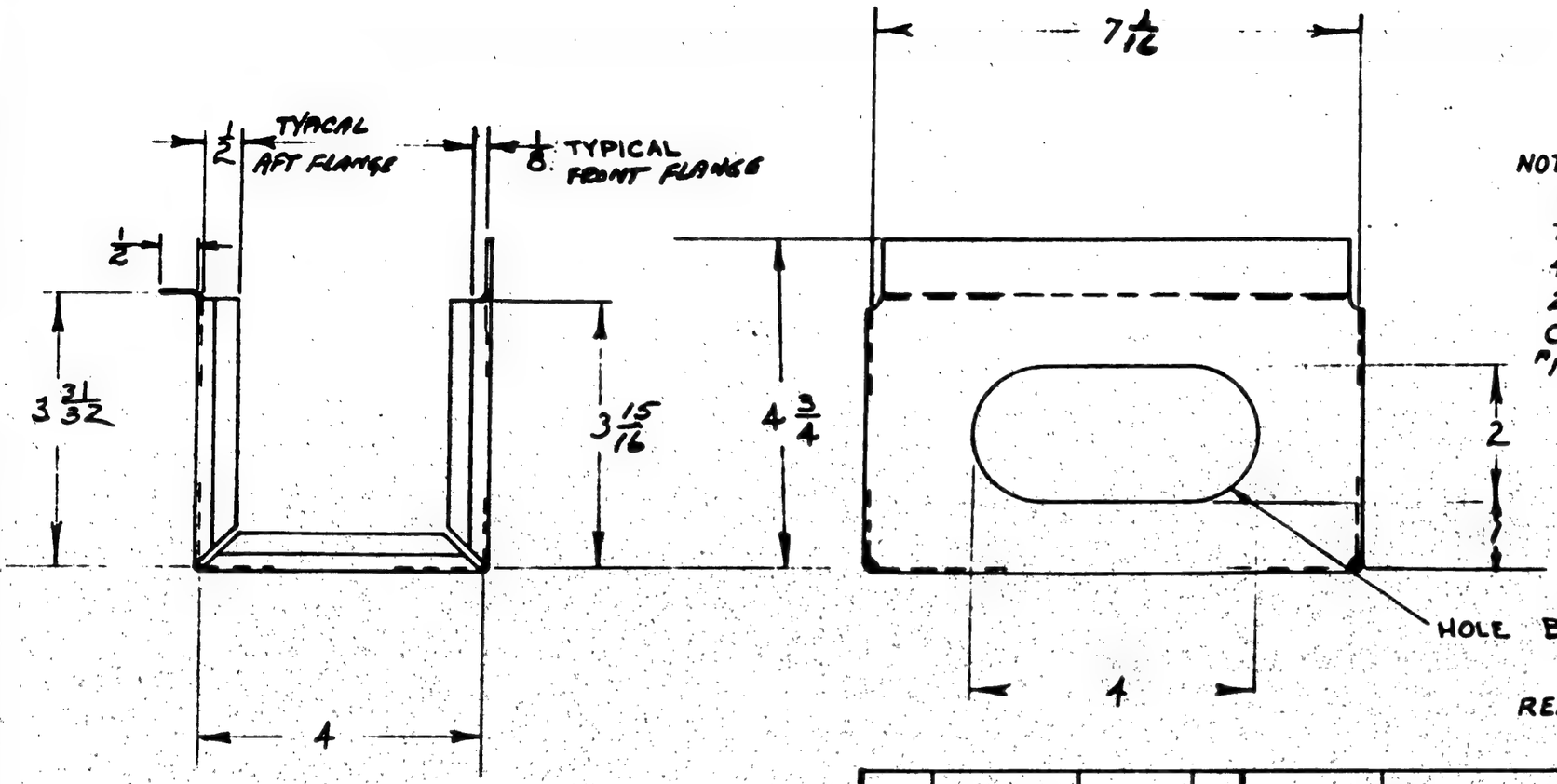
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

DWG. B SIZE 28F5149

R FF

LET	ALTERATION	DATE	BY



NOTE.
CONTRACT CHANGE "O" S.O. 936-24 TO BE INSTALLED BY C.A.C. ON AIRPLANES 49 TO 167 INCL. (SERIAL NOS 2337 TO 2455 INCL.) PARTS TO BE FURNISHED BY C.A.C. & INSTALLED BY NAVY ON AIRPLANES "1 TO "49 INCL. (SERIAL NOS. 2289 TO 2336 INCL.)

RELEASED AS PER CONTRACT #91876

NOTE
ALL BEND RADII & RELIEF TO BE 1/16

See Note

ASSY. DASH NO.	MODEL	NEXT ASSY.	QUAN.
	PBY-5	28F5164	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. .15

REPLACED BY — ACT. WT.

LIMIT OF DIMENSIONAL VALUES OTHERWISE SPECIFIED + 1/2 −

SCALE 6" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-6	030x8¾x14	AL. ALLOY	24430 T										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		C. PARKER						
NAVY NONE	Z-P-AP	Glazhedgewell						
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME SHELF-FURN'S-OXYGEN CANISTER STOWAGE-LOWER

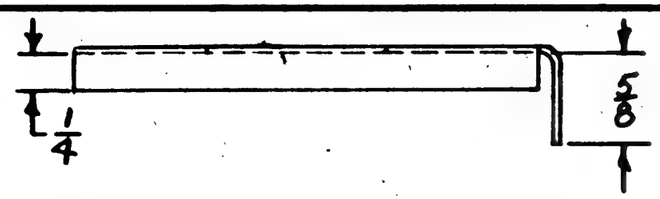
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

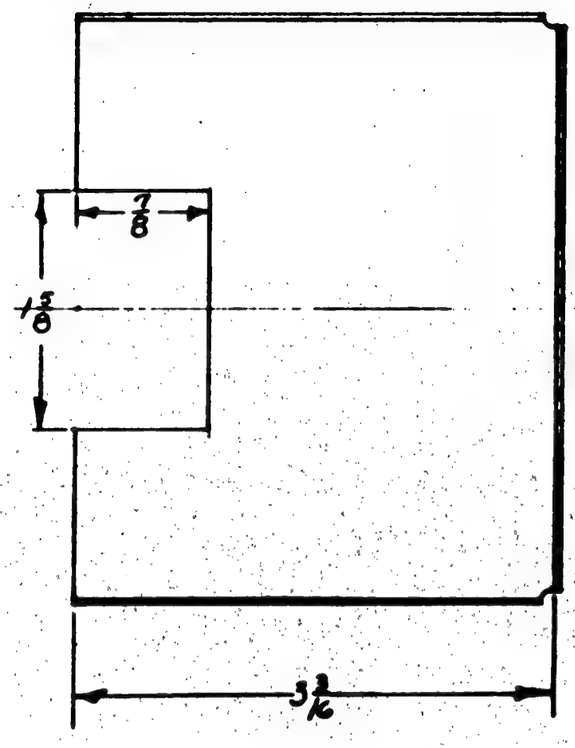
OPP. HAND

SIZE B 28F5162

R DD

LET	ALTERATION	DATE	BY





ALL BEND & BEND RELIEF RADII 1/8

CONTRACT CHANGE 'O' S.O. 1936-24
TO BE INSTALLED BY C.A.C. ON AIRPL.
#49 TO 200 INCL. (SER. NOS. 2337 TO 2488 INCL)
PARTS TO BE FURN'D BY C.A.C. & INST.
BY NAVY ON AIRPL. #1 TO 48 INCL.
(SER. NOS. 2289 TO 2336 INCL.)

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. DASH No.	MODEL	NEXT ASSY.	REQ.
	P2Y-3R	28K5123	1
	P2Y-5	28F5173	1

REQUIREMENTS PER AIRPLANE

REPLACES .05 LBS. CALC. WT.

REPLACED BY ASY. WT.

LAYOUT OR DRAWING UNLESS OTHERWISE SPECIFIED + ½ SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-0	032-14 X 5	M. Alloy Sheet	57A10 cond.										

AC								
NAVY SR-B3	Z-2P	DRAFT 9/27/40	CHECK Sowers	STRUCT. Glass	MAT. 9/13/40	APPROV. 9/14/40	ENG.
HEAT TREAT	FINISH						

NAME CHANNEL-FURN'S-'A' BRACE
RE-BREATHER SUPPORT

OPP. HAND

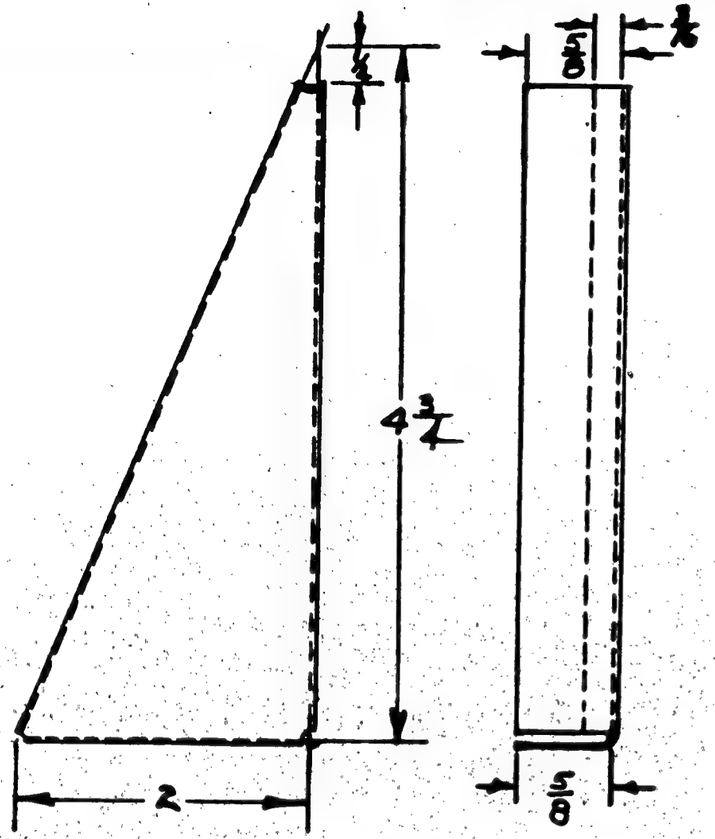
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B

28F5178

R FF

LET	ALTERATION	DATE	BY



NOTE:- ALL BEND RELIEF & BEND RADII 1/16

CONTRACT CHANGE "O" S.O. 936-24 TO BE INSTALLED BY C.A.C. ON AIRPLANES #49 TO #167 INCL. (SERIAL NOS. 2337 TO 2455 INCL.) PARTS TO BE FURNISHED BY C.A.C. & INSTALLED BY NAVY ON AIRPLANES #1 TO #48 INCL. (SERIAL NOS. 2289 TO 2336 INCL.)

RELEASED AS PER CONTRACT #91876

ASSY. BASED ON	MODEL	NEXT ASSY.	REQ.
P	PBY-6	28F5164	1
L	PBY-5	28F5164	1

REQUIREMENTS PER AIRPLANE

REPLACES	-02 SALV. WT.
REPLACED BY	ASSY. WT.
LIMIT OF ENGINEERING FINISH / ENGINEERING DRAWING	SCALE FULL 1/8 1/16

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.
	-040 x 3 x 5½	AL ALLOY	4278 or 4278

PARTS LIST PER ASSY.

LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-0		-2		-3		-4		-5	

AC							
NAVY NONE	Z-P-AP	2/6/40					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRACKET-FURN'S-OXYGEN CANISTER STOWAGE-AFT.

OPP. HAND 28F5182-R

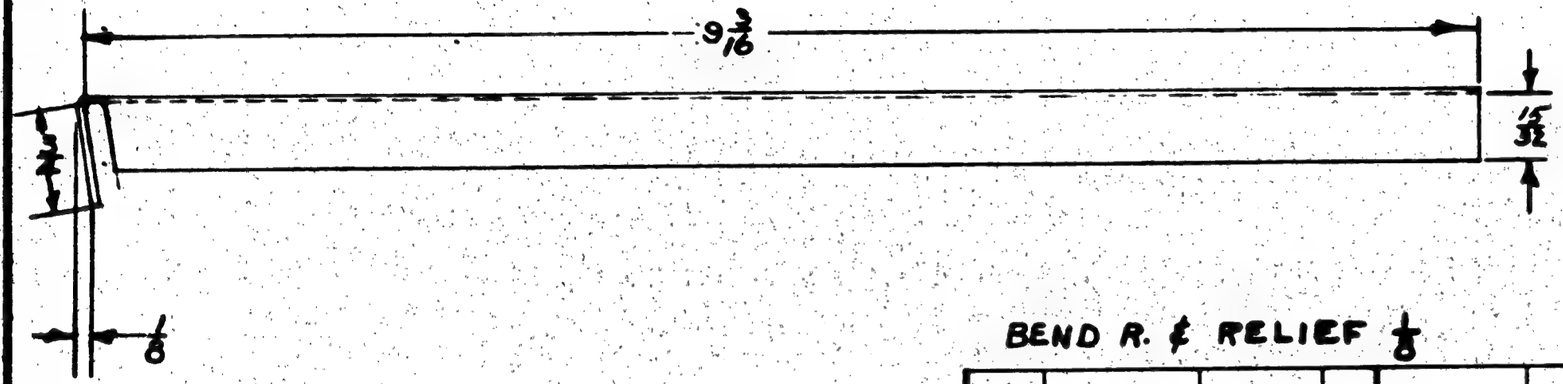
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

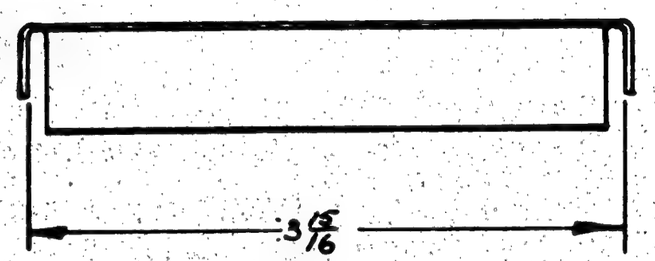
SIZE B

28F5182

R DD

LET	ALTERATION	DATE	BY





BEND R. & RELIEF 1/8

RELEASED AS PER CONTRACT #91876

CONTRACT CHANGE "8" SO #936-24
TO BE INSTALLED BY C.A.C. ON AIRPLANES #49 TO #117 INCL. (SERIAL NO'S 2337 TO 2405 INCL) PARTS TO BE FURNISHED BY C.A.C. & INSTALLED BY NAVY ON AIRPLANES #1 TO 48 INCL. (SERIAL NO'S #2289 TO 2336 INCL)

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5	28F5172	1

REQUIREMENTS PER AIRPLANE

REPLACES _____ Assy. Wt. _____

REPLACED BY _____ Adv. Wt. _____

Layout or Engineering Orders Engineer Supervisor: Kaz

SCALE 12" = 1'-0

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.032 x 5 x 10 1/2	24ST Alclad	17A0604T	1									

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC									
NAVY None	Z-P	Layout	Engineering Orders	Bal		9/1/40	9/1/40		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.		

NAME CHANNEL-FURNS-MECH'S AFT BREATHER SUPPORT-LOWER STA 4.0 TO 5.0

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

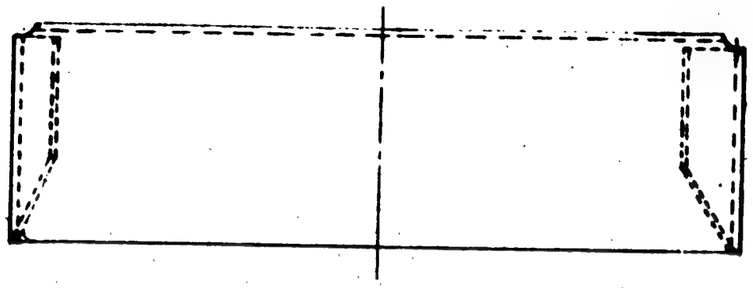
OPP. HAND

DWG. B SIZE

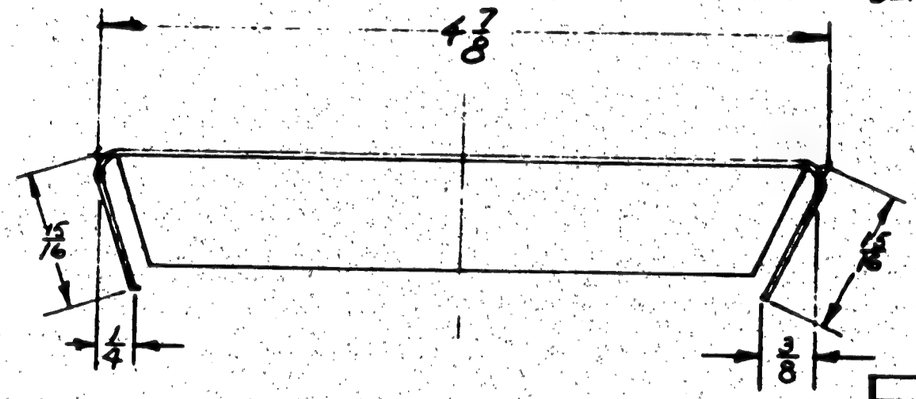
28F5183

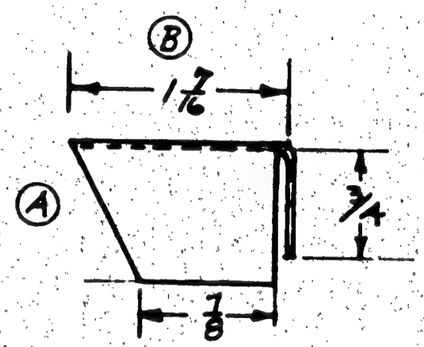
K FF

LET	ALTERATION	DATE	BY
A	CORRECTED VIEW	1/27/40	NELSON
B	CHANGED DIM. 1 1/4 TO 1 3/16	11	11



ALL BEND RELIEF & BEND RADII 1/8"





FINISH CODE	
Z	ANODIC TREATMENT
P	A-17 PRIMER
AP	ALUMINIZED PRIMER
C	CHROMIUM PLATE

RELEASED AS PER CONTRACT #91876

CONTRACT CHANGE "O" S.O. #936-24
TO BE INSTALLED BY C.A.C. ON AIRPL.
#49 TO 200 INCL. (SER. NOS. 2237 T 2488 INCL)
PARTS TO BE FURN'D BY C.A.C. & INST.
BY NAVY ON AIRPL. #1 TO 48 INCL
(SER. NOS 2219 TO 2226 INCL.)

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28F5123	1
	PBY-5	28F5178	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. .05 LB

REPLACED BY — ASY. WT.

LIMIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .xx

SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-6	.032 x 2 1/2 x 7	ALCLAD SHEET	4 A 10 CONST	1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		Jan Hansen	Lew		E.	[illegible]	
NAVY NONE	Z-2P	9/27/40	Sues H	Gen	9/4/40	9/10/40	R
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRACKET-FURN'S-"A" BRACE
RE-BREATHER SUPPORT

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

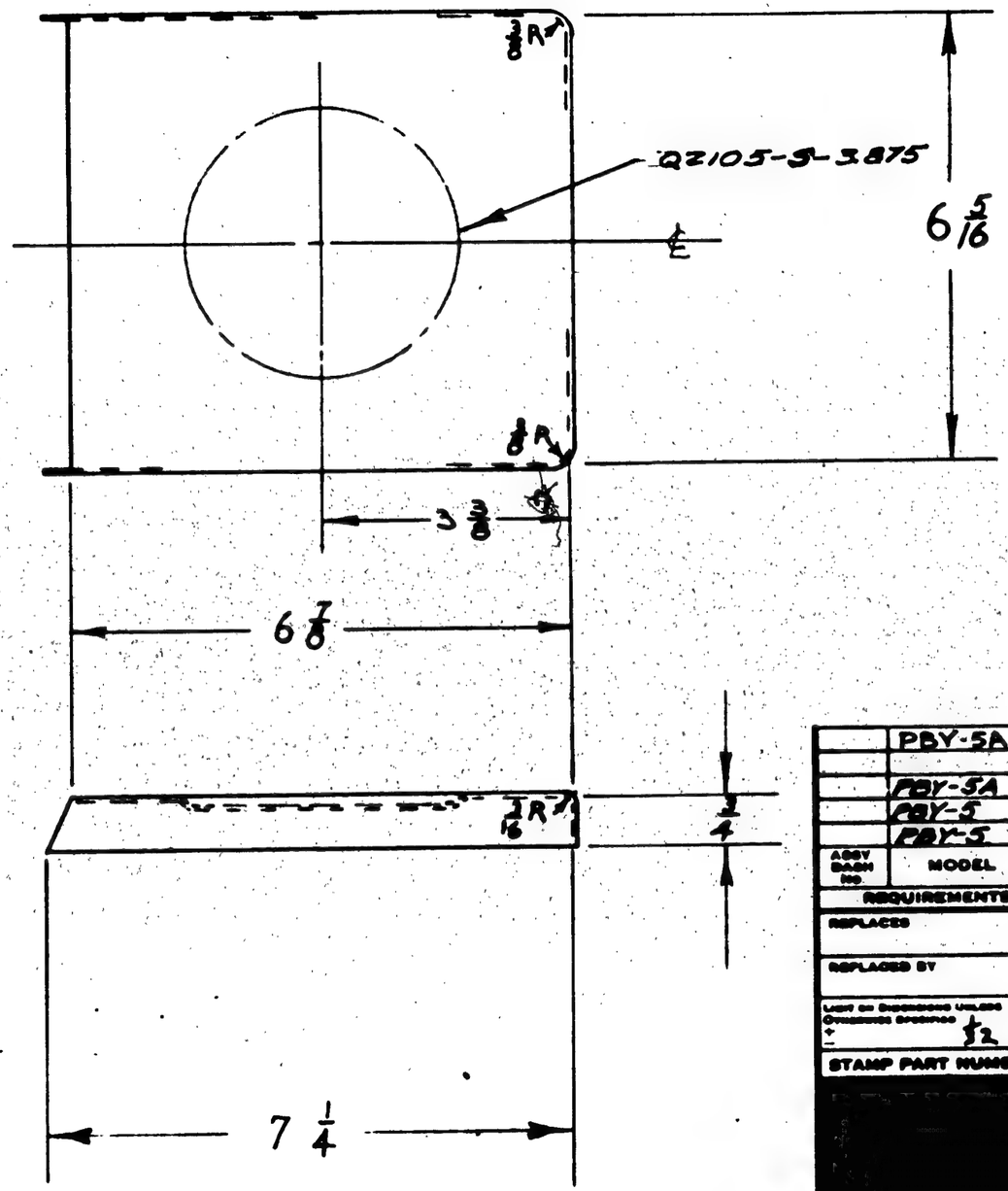
OPP. HAND

SIZE B — 28F5196

R FF

LET	ALTERATION	DATE	BY
A	REPLACED QZ105-	10-6-40	
	3.875 WITH QZ105-3-	"	
	3.875	ROYD	

PB1.5A-5A



NOTE:
CONTRACT CHANGE "0" S.O. 996-24
TO BE INSTALLED BY C.A.C. ON AIRPLANES
#49 TO #200 (SERIAL NOS: 2337 TO 2488 INCL.)
PARTS TO BE FURNISHED BY C.A.C. &
INSTALLED BY NAVY ON AIRPLANES #1 TO #48
INCL. (SERIAL NOS. 2289 TO 2336 INCL.)

FINISH CODE	
Z	ANODIC TREATMENT
P	A-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

RELEASED AS PER CONTRACT #91876

ASSY DASH NO.	MODEL	NEXT ASSY.	REQ'D
	PBY-5A	28F5209	1
			1
	PBY-5A	28F5179	1
	PBY-5	28F5179R	1
	PBY-5	28F5179L	1

REQUIREMENTS PER AIRPLANE

REPLACES ____ Galv. Wt. .1

REPLACED BY ____ Adv. Wt.

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .02 | SCALE 6" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.	B30X10X10	AL ALLOY	47A10 F	-0		-2		-3		-4		-5	

AC ~~~ | NAVY COMD. SR-53 T | HEAT TREAT | Z-P. FINISH | CONTRACT 4/29/40 DRAFT | CHECK | STRUCT. | MAT 9/7/40 | APPROV. | ENG.

NAME BRACKET-FURNS-PILOT & CO-PILOTS REBREATHER SUPP'T

OPP. HAND None

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

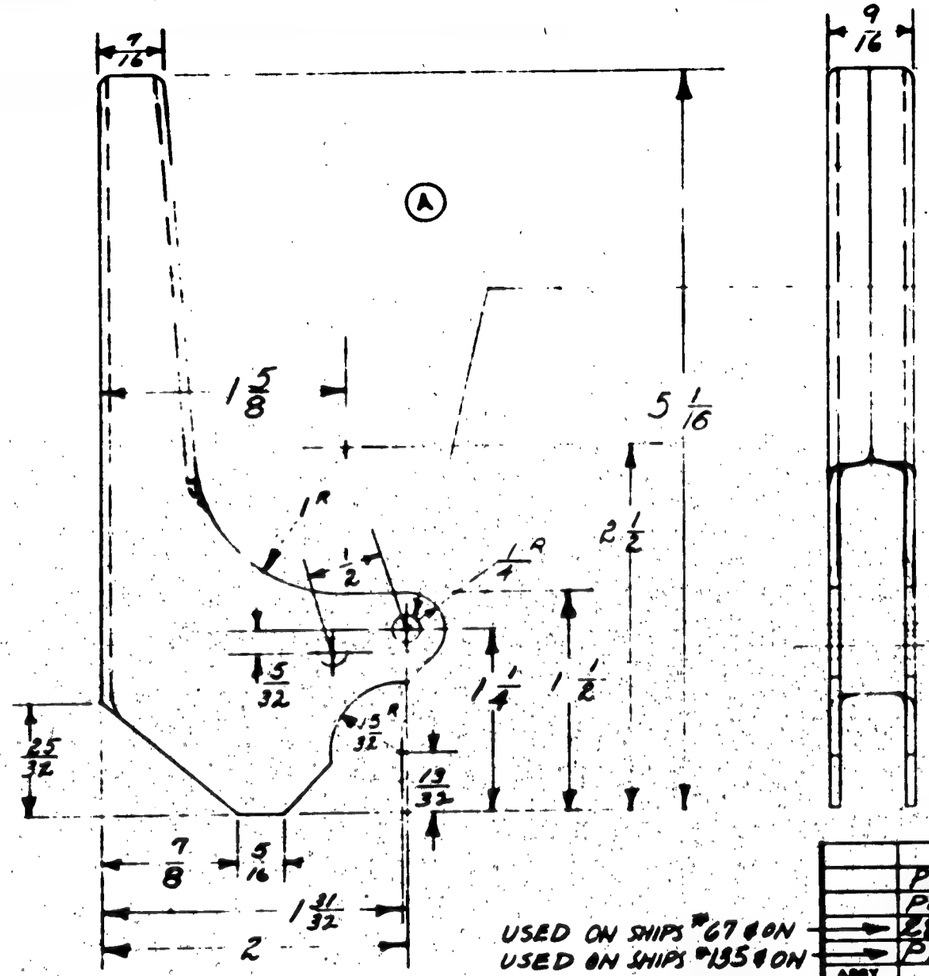
SIZE B

28F 5198

R VV

FBY-5, 5A, 28-5 AMC, ME, MC, MA, MN & OA-10

LET	ALTERATION	DATE	BY
A	REMOVED 28 FROM DWG & P/N	2-8-41	DWD



DRILL THRU #10 (.194) - 2 PLACES

BEND RADUS 1/8

FINISH CODE

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY DASH NO	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28F1134	1
	PBY-5A	28F1134	1
→	28-5ME	28F1134	1
→	PBY-5	28F1134	1

USED ON SHIPS #67 & ON
USED ON SHIPS #195 & ON

REQUIREMENTS PER AIRPLANE

REPLACES 28F1187 & 28F1363 — .08 CALC. WT. — ADV. WT.

REPLACED BY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE ± .015 — SCALE FULL SIZE

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	D61-5/8 x 5/8	CM. STEEL	4130										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		STRESS						
NAVY NORMALIZE	C-P-ZAP	8-19-40				9/9/40	9/11/40	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV.	ENG	

NAME HAND ASSY-ARMAMENT TUNNEL GUN STOWAGE CATCH

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

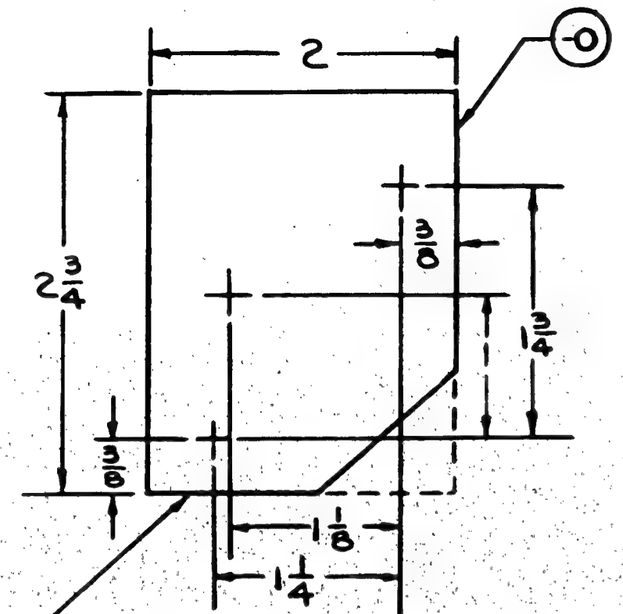
DWG. B SIZE

28F5220

R

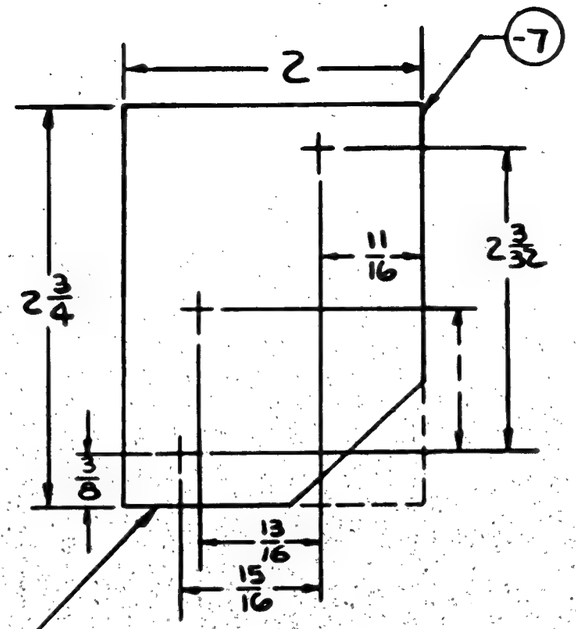
EOA36174

LET	ALTERATION	DATE	BY
B	CREATED -7. DWG REVISED & REDRAWN.	4-15-42	HER-MANSON



JIG LOCATE #10 (193) 3 PLC'S
THESE DIMS APPLY TO MATING
PARTS 28F5231 & 28F5232.

JIG LOCATE #10 (193) 3 PLC'S
THESE DIMS APPLY TO MATING
PARTS 28F5231-7 & 28F5232-7



C #77713 & C #88476
C 70496
C 91876
C 70496

NOTE:-
FOR -0, CUT CORNER TO MATCH 28F5232.
FOR -7, CUT CORNER TO MATCH 28F5232-7.

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ'D
-7	28-5AHU	28F5233	2
-7	PBY 5B	28F5235	2
-7	PBY 5A	28F5233	2
-0	PBY 5A	28F5233	2
-7	PBY 5	28F5233	2
-0	PBY 5	28F5233	2

REQUIREMENTS PER AIRPLANE

REPLACES 28F5234 (2-30-40) .01 EA CALC. WT
REPLACED BY ACT. WT
LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±1/32
SCALE 12" = 1'-0"
STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ.	RH REQ.
-7	2 1/4 x 3 x 1/32	LAMPHEN. SHT	7F3, TYPE F, FORM 2								
-0	2 1/4 x 3 x 1/32	LAMPHEN. SHT	7F3, TYPE F, FORM 2								
-8											
* PARTS LIST PER ASSY.				●	-2	-3	-4	-5			

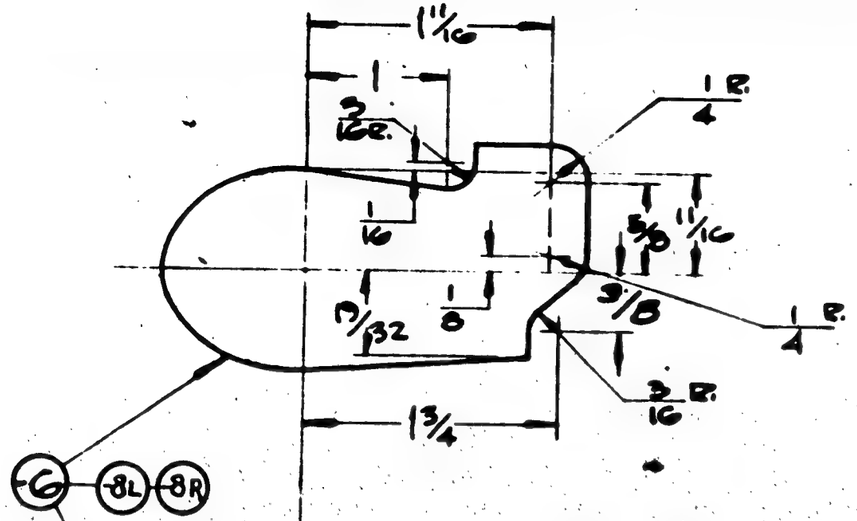
AC		4-15-42	AP					
NAVY		HER-MANSON	CN	GREEN				R
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG	

NAME RUB STRIP - CONTROLS AIL. & ELEV. YOKE LOCK
OPP. HAND NONE
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
DWG. SIZE B
28F5234

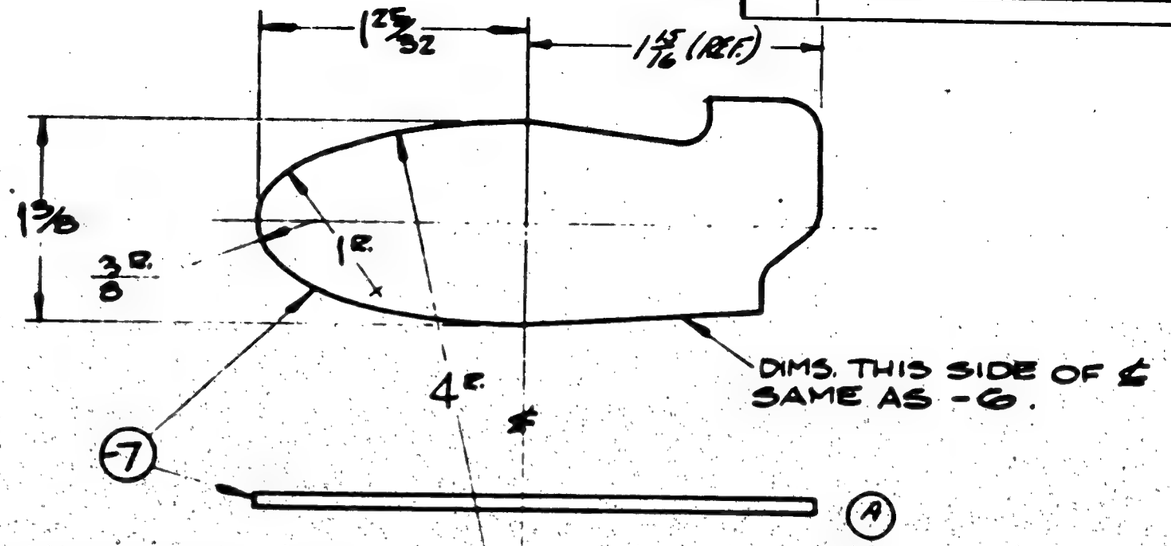
R

LET	ALTERATION	DATE	BY
A	CREATED A -8L & 8R PART, REVISED THE DIM (2 PLACES) SHOWING METAL THICK- NESS NO WT. CHG.	4-4-41	Hinckley

EO #35327

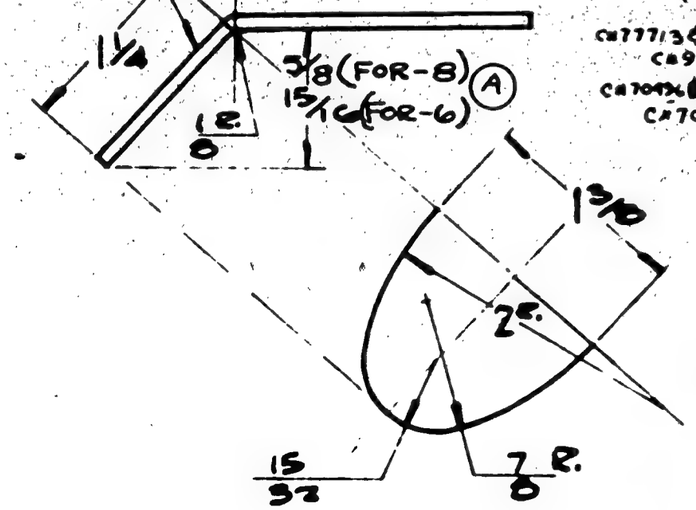


NOTE: -8L SHOWN
-8R OPPOSITE



DIMS. THIS SIDE OF ℄ SAME AS -6.

CONTRACT CHANGE - SEE BUAER LETTER 12-13-40



-8L&R	28-5AMN	28C5567	1EA
-8L&R	PBY 5B	28C5567	1EA
-8L&R	PBY 5A	28C5567	1EA
-8L&R	PBY 5	28C5567	1EA
-6, -7	PBY-5A	28F5237	1EA
-6, -7	PBY-5	28F5237	1EA
ASSY. GROUP NO.	MODEL	NEXT ASSY.	QTY.

CA#8847? CA#7777? CA#8847? CA#9187? CA#7049? CA#7049?

REQUIREMENTS PER AIRPLANE

REPLACES — QTY.

REPLACED BY — ASSY. QTY.

LIMIT ON DECIMALS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-8R	3/32 = 15/8 × 3 3/8	CR. MOLY SH'T	47S14		1								
-8L	3/32 = 15/8 × 3 3/8	CR. MOLY SH'T	47S14	1									
-7	3/32 · 1 3/4 · 3 7/8	CR. MOLY SH'T	47S14			1							
-6	3/32 · 1 5/8 · 3 7/8	CR. MOLY SH'T	47S14				1						

PARTS LIST PER ASSY.

AC		REQUIRED	JP		J.F.C.	J.			
NAVY —	—	DRAWN	L. Green			1/14/41	R		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG		

NAME ANGLE PLATES - CONTROLS AIL & ELEV. YOKE LOCK

OPP. HAND —

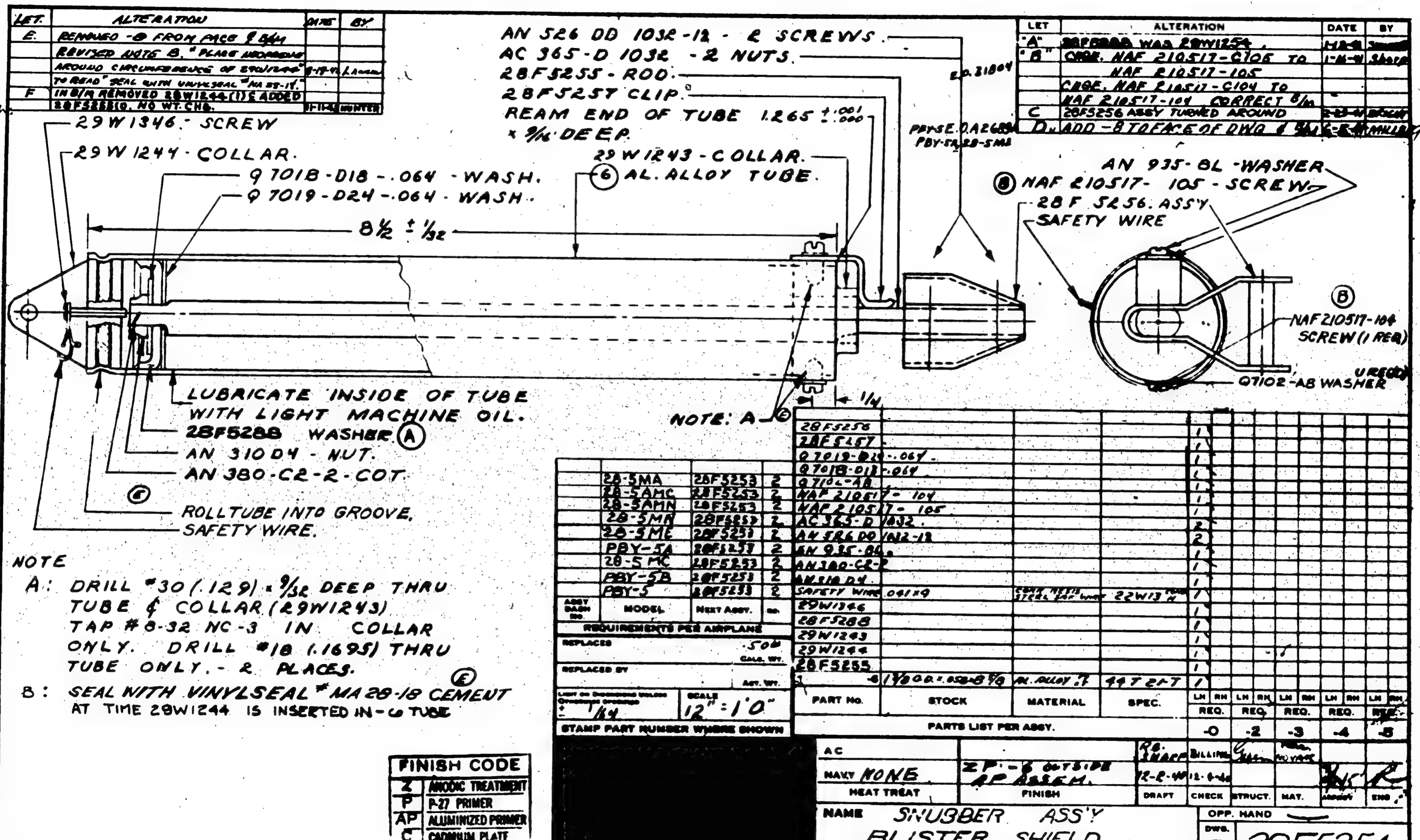
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B

28F5236

LET.	ALTERATION	DATE	BY
E.	REMOVED -B- FROM FACE OF [illegible]		
	REVISED NOTE B. "PLACE WASHERS AROUND CIRCUMFERENCE OF BOLT/RODS" TO READ "SEAL WITH UNIVERSEAL "MA 28-18".	3-17-42	[illegible]
F	IN B/M REMOVED 28W1244-(1) & ADDED 28F5288-10. NO WT. CHG.	11-12-42	HUNTER

LET	ALTERATION	DATE	BY
"A"	[illegible] WAS 28W1254	11-8-41	[illegible]
"B"	CHGE. NAF 210517-C106 TO NAF 210517-105	1-14-42	SHARP
	CHGE. NAF 210517-C104 TO NAF 210517-104 CORRECT B/M		
C	28F5256 ASSY TURNED AROUND	2-23-42	BRIGHT
D	ADD -B- TO FACE OF DWG & [illegible]	5-[illegible]	[illegible]



NOTE

A: DRILL #30 (.129) x 9/32 DEEP THRU TUBE & COLLAR (29W1243) TAP #8-32 NC-3 IN COLLAR ONLY. DRILL #18 (.1695) THRU TUBE ONLY. - 2 PLACES.

B: SEAL WITH VINYLSEAL #MA 28-18 CEMENT (E) AT TIME 28W1244 IS INSERTED IN - 6 TUBE

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY DASH NO.	MODEL	NEXT ASSY.	NO.
	28-5MA	28F5253	2
	28-5AMC	28F5253	2
	28-5AMN	28F5253	2
	28-5MA	28F5253	2
	28-5MC	28F5253	2
	PBY-5A	28F5253	2
	28-5MC	28F5253	2
	PBY-5B	28F5253	2
	PBY-5	28F5253	2

REQUIREMENTS PER AIRPLANE

REPLACES .50# CALC. WT.

REPLACED BY ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + 1/64 - 0

SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
28F5258				1					
28F5257				1					
Q 7019-D24	-.064			1					
Q 7018-D18	-.064			1					
Q 7102-AB				1					
NAF 210517	- 104			1					
NAF 210517	- 105			1					
AC 365-D	1032			2					
AN 526 DD	1032-12			2					
AN 935-8L				1					
AN 380-C2-2				1					
AN 310 D4				1					
SAFETY WIRE	.041 x 9	CORR. RESIS. STEEL [illegible] WIRE	22W13 [illegible]	1					
29W1346				1					
28F5288				1					
29W1243				1					
29W1244				1					
28F5255				1					
-6	1 1/2 OD x .058-8 1/2	AL. ALLOY 7	49T 2-T	1					

PARTS LIST PER ASSY.

AC		R.S. SHARP	BILLING [illegible]
NAVY NONE	ZP-8 OUTSIDE AP INSIDE M.	12-8-41	12-8-41
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / MAT. / [illegible] / ENG.

NAME SNUBBER ASS'Y
BLISTER SHIELD

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

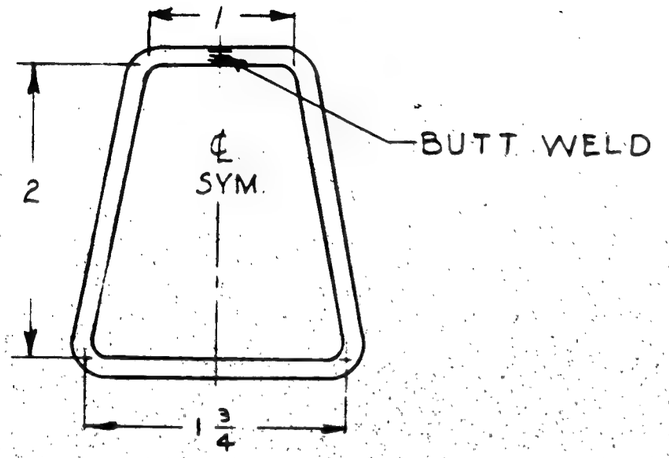
DWG. B SIZE

28F5254

K

LET	ALTERATION	DATE	BY
D	TRACED NO WT. CHG.	10-23-43	MURRAY

28F5258



NOTES:

1. MATERIAL MAY BE—
   - A) 1/8 DIA. STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. FM, COND. B, OR
   - (B) 1/8 DIA. STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. A.
2. BEND RADII 1/8.

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ
	PBY-5B	28F5253	2
	PBY-5A	28F5253	2
	PBY-5	28F5253	2
	ALL 28-5'S	28F5253	2 EA

REQUIREMENTS PER AIRPLANE

REPLACES 28F5258 11-27-40 .0332# Calc. Wt.

REPLACED BY Act. Wt.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 | SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
	1/8 X 7 ROD	NOTED	NOTED										

* PARTS LIST PER ASSY.

AC		R. G. SHARP	BILL	GREEN	B.M.N. F.A.F.		K		
NAVY NONE	C	11-27-40	12-4-40						
HEAT TREAT	FINISH	DRAFT	CHECK	EXAM	MAT	APPROV	ENG		

NAME RING - BLISTER SHIELD SNUBBER

OPP. HAND

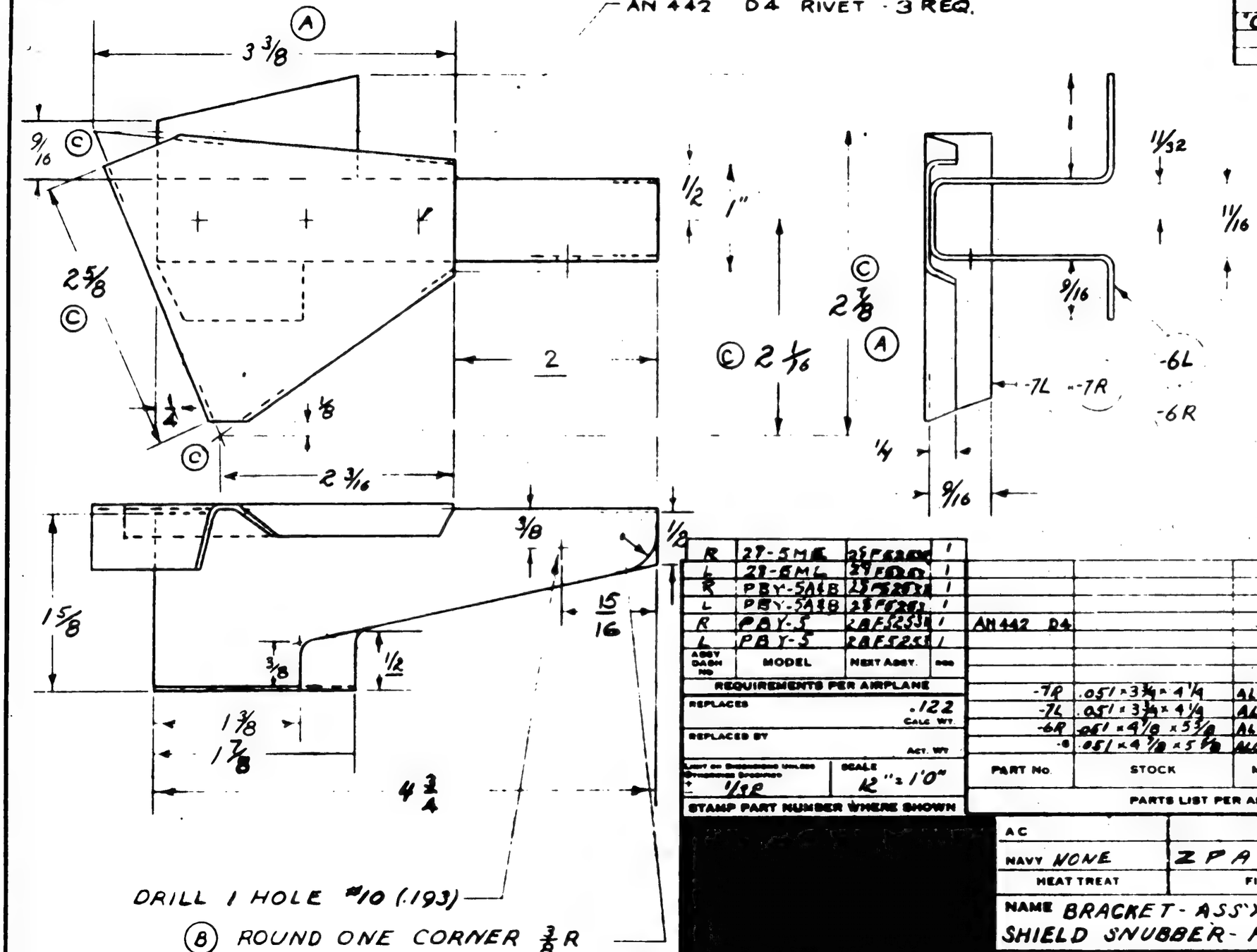
DWG. SIZE B — 28F5258

CONSOLIDATED VULTEE AIRCRAFT CORP. SAN DIEGO DIVISION . . SAN DIEGO, CALIF.

R

FLANGES MAY BE CUT STRAIGHT IN FLAT PATTERN

AN 442 D4 RIVET - 3 REQ.



DRILL 1 HOLE #10 (.193)

(B) ROUND ONE CORNER 3/8 R

BEND RADII 1/8
BREAK EDGES & CORNERS

LET	ALTERATION	DATE	BY
"A"	ON -7 R 3 5/16 TO 3 3/16; 3 3/16 TO 2 3/4	12/ [illegible]	[illegible]
"B"	ADDED NOTE TO ROUND		
"C"	CORNER - 6 L & R	1-16-41	[illegible]
	CHANGED DIMENSIONS	1-17-41	Sharp
	2 1/16 WAS 1 15/16; 2 3/16 WAS 2 1/4		
	ADDED 2 5/8; ON -7 L & R		

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

R	28-5ML	28F5261	1
L	28-6ML	28F5262	1
R	PBY-5A&B	28F5261	1
L	PBY-5A&B	28F5262	1
R	PBY-5	28AF5253	1
L	PBY-5	28AF5254	1

ASSY DASH NO	MODEL	NEXT ASSY.	QUAN

REQUIREMENTS PER AIRPLANE

REPLACES .122 CALC. WT.

REPLACED BY ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32

SCALE 2" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN442 D4								3	3				
-7R	.051 × 3 3/4 × 4 1/4	ALC. SHT	47AB-T		1								
-7L	.051 × 3 3/4 × 4 1/4	ALC SHT	47AB-T	1									
-6R	.051 × 4 3/8 × 5 3/8	ALC SHT.	47AB-T		1								
-6	.051 × 4 3/8 × 5 3/8	ALC SHT.	47AB-T	1									

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC		R.G. SHARP	BILLING		J.S.F.		
NAVY NONE	ZPAD	12-2-40	12-4-40		NOVAK		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG

NAME BRACKET - ASS'Y - BLISTER SHIELD SNUBBER - FWD SUPPORT

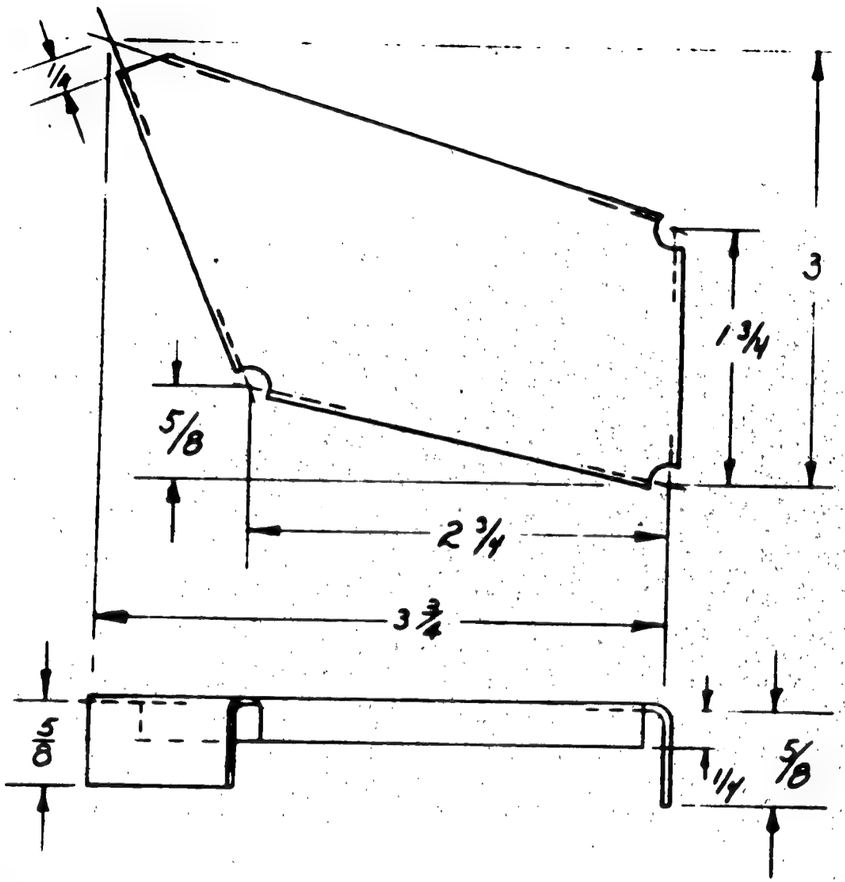
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND 28F5261 R

DWG. B SIZE 28F5261

R

LET	ALTERATION	DATE	BY
A	CHGE 3 3/4 DIMENSION TO 3 & 4 TO 3 3/4	12/20/40	[illegible]



BEND & RELIEF RADII 1/8

R	PBY-5A4B	28F5263R	EA
L	PBY-5A4B	28F5263L	EA
R	28-5ME	28F5259R	1
L	28-5ME	28F5259L	1
R	PBY-5	28F5254R	1
L	PBY-5	28F5254L	1
ASSY DASH NO	MODEL	NEXT ASSY.	QTY

REQUIREMENTS PER AIRPLANE

REPLACES .050 CALC. WT.

REPLACED BY ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 | SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

FINISH CODE

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

PART NO	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
•	.051 x 2 3/4 = 5 1/2	ALC. SHT.	24AB-T	1	1				

PARTS LIST PER ASSY.

AC		R.C. SHARP	CHECK	STRUCT.	MAT	APPROV	ENG
NAVY NONE	2PAP	11-28-40	[illegible] 12-4-40	[illegible]	J.F.C. [illegible]	[illegible]	[illegible]
HEAT TREAT	FINISH	DRAFT					

NAME BRACKET - BLISTER SHIELD SNUBBER - SUPPORT - REAR

OPP. HAND 28F5263R

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF

DWG. B SIZE 28F5263

R

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

LET	ALTERATION	DATE	BY

AN 526 DD 832 -14- 2 REQD.
AC 365 - D832 2 NUTS

PNEUMATIC WATER SEAL GASKET REF.

3/8

-6

LEFT SIDE LKG. FWD. INST. DETAIL

-28A 5021 SHIELD REF.

REF. LINE GREATEST DIAM. OF SHIELD

2 REF

℄ STOP 28A 5021-39 (REF.)

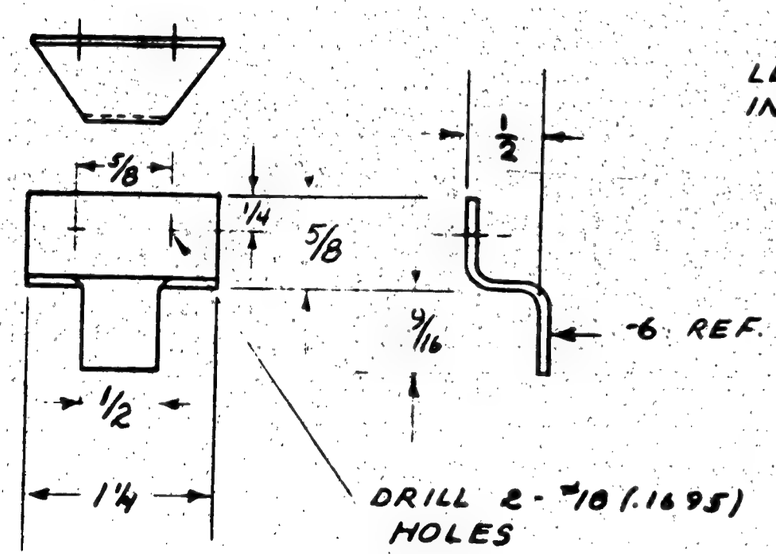
℄ AIRPL

HOOK

LEFT SIDE LKG. FWD.
SHIELD OPEN REF. FOR
INST. NOT TO SCALE

12

℄ HOOK



DETAIL -6

BEND RADII 1/8
BREAK EDGES

-6	PBY-5A	28A5104	2
-6	PBY-3B	28A5704	2
R	28-5ME	28A5022-2	1
L	28-5ME	28A5022	1
R	PBY-5	28A5021-1	1
L	PBY-5	28A5021	1
ASSY DASH NO.	MODEL	NEXT ASSY.	USED

REQUIREMENTS PER AIRPLANE

REPLACES .01 GALS. WT.

REPLACED BY ASS'Y. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN 526	DD 832 - 14			2	2								
AC 365 - D	832			2	2								
-6	.063 x 1 5/8 x 1 1/8	CRES 443 STL	47521 AMN.	1	1								

PARTS LIST PER ASSY.

AC		R.C. SHAPE	BILLING		HOOK J.F.P.				
NAVY NONE	C	11-27-40	12-4-40		NOVAK				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG		

NAME HOOK - INST. - BLISTER SHIELD SNUBBER

OPP. HAND 28F5266-R

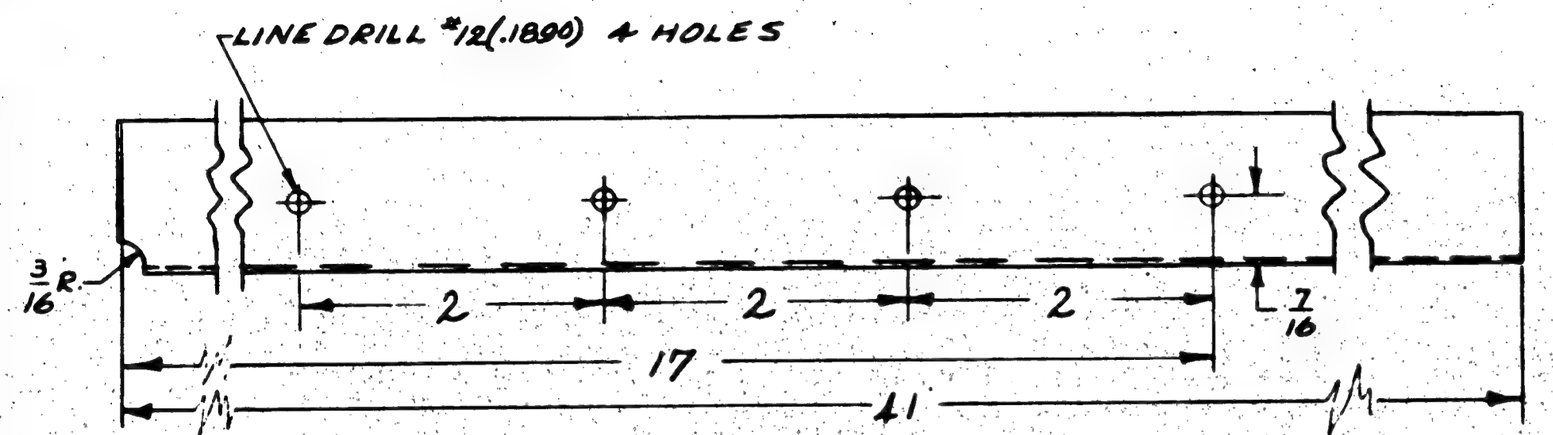
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

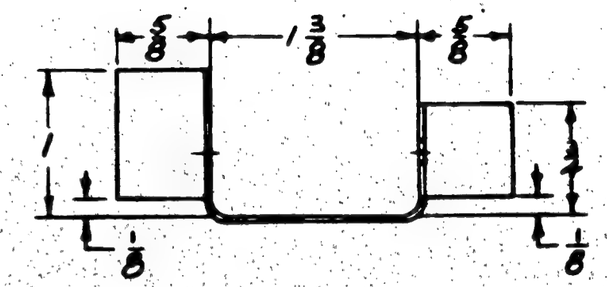
DWG. B SIZE 28F5266

R

LET	ALTERATION	DATE	BY

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE





R	28-5ME	28F5253-R	1
L	28-5ME	28F5253-L	1
R	PBY-5A&B	28F5253-R	1
L	PBY-5A&B	28F5253-L	1
R	PBY-5	28F5253-R	1
L	PBY-5	28F5253-L	1
ASSY DASH NO.	MODEL	NEXT ASSY.	QTY

REQUIREMENTS PER AIRPLANE

REPLACES	.386 SHT. WT.
REPLACED BY	ASY. WT.
SCALE	12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

ALL BEND RADII 1/8

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.032 - 3 1/4 - 41 1/4	ALC. SHT	47AB COND.T	1	1								
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC			BILLING				
NAVY NONE	ZP - 2AP	12-27-40		J.F.E.			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	PROCESS.	ENG.

NAME CHANNEL - BLISTER SHIELD SNUBBER GUARD

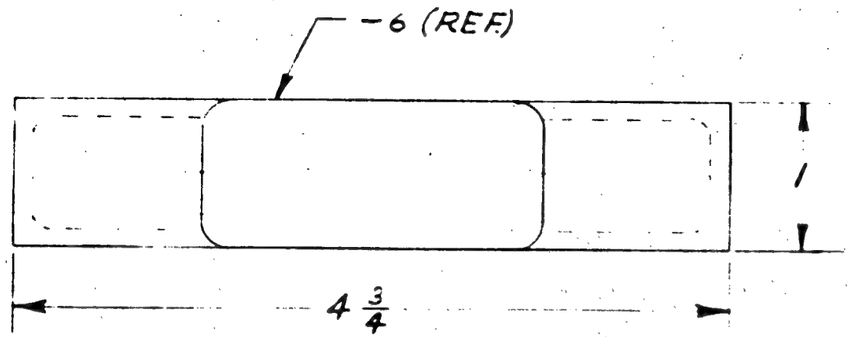
OPP. HAND 28F5273-R

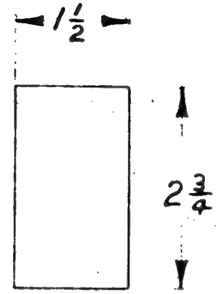
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F5273

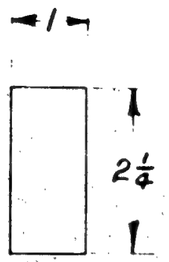
R

LET	ALTERATION	DATE	BY
C	TRACED, WAS A SIZE	9-10-43	MITCHELL
D	ADDED -6, -7 & -8	4-10-43	MITCHELL

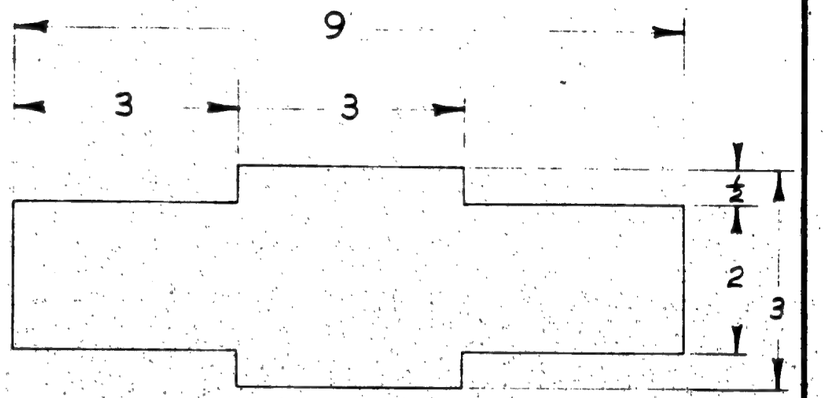




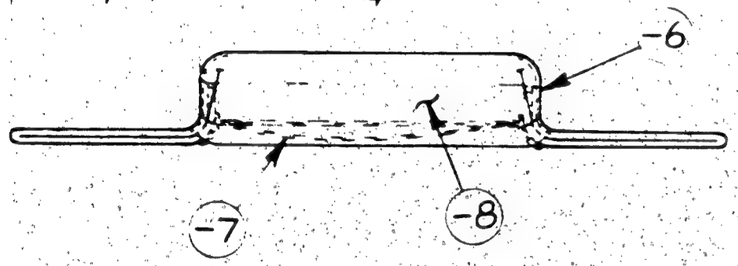
DETAIL OF -7
SCALE 6"=1'-0"

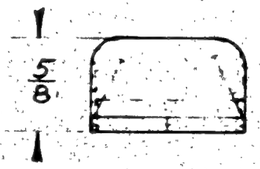


DETAIL OF -8
SCALE 6"=1'-0"



DETAIL OF -6
SCALE 6"=1'-0"





APPROVED FOR TOOLING BY

NOTES

1. THIS D'W'G IS FOR THE PURPOSE OF ASSIGNING A PART NO. & FURNISHING A BILL OF MATERIAL. THIS D'W'G IS NOT INTENDED AS A WORKING D'W'G. DIMS ARE APPROX. PART TO BE FABRICATED & INSPECTED TO SUITABLE TEMPLATES APPROVED BY TOOL DESIGN.
2. RUBBER PAD FROM -6 & -7 FILLED WITH -8 FELT.
3. STITCH TOGETHER WITH COTTON THREAD SPEC. V-T-276a.
4. CAC #FE-66 MAY BE PURCHASED FROM WESTERN FELT WORKS, CHICAGO, ILL. CAC #LEAT-16 MAY BE PURCHASED FROM BOEING & DUNLAP CO., LOS ANGELES, CALIF.

ASSY. DASH No	MODEL	NEXT ASSY.	REQ.
	28-5AMN	28F5253	2
	28-5AMC	28F5253	2
	28-5-MN	28F5253	2
	28-5-MA	28F5253	2
	28-5-MC	28F5253	2
	28-5-ME	28F5253	2
	PBY-5A	28F5253	2
	PBY-5	28F5253	2
	PBY-5B	28F5253	2

REQUIREMENTS PER AIRPLANE

REPLACED 28F5274 OF 12-20-__ .012 CALC. WT.

REPLACED BY ACT. WT.

LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12"=1'-0" & NOTED

STAMP PART NUMBER WHERE SHOWN

NOTE 5 CAC #FAB 29 MAY BE PURCHASED FROM PACIFIC AIRMOTIVE, BURBANK, CALIF.

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-8	C.A.C. #FE-46 FELT 1x2 3/8		AN-F-7 GR A	1									
-7	C.A.C. #FAB29 MISC. COTTON FABRIC 1 3/4 x 2 1/2		AN-CCC-C-39	1									
-6	C.A.C. #LEAT-16 LEATHER 9 1/8 x 3 1/4		SPEC.	1									

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC		STITCHING					MH
NAVY NONE	NONE	4-10-43					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG

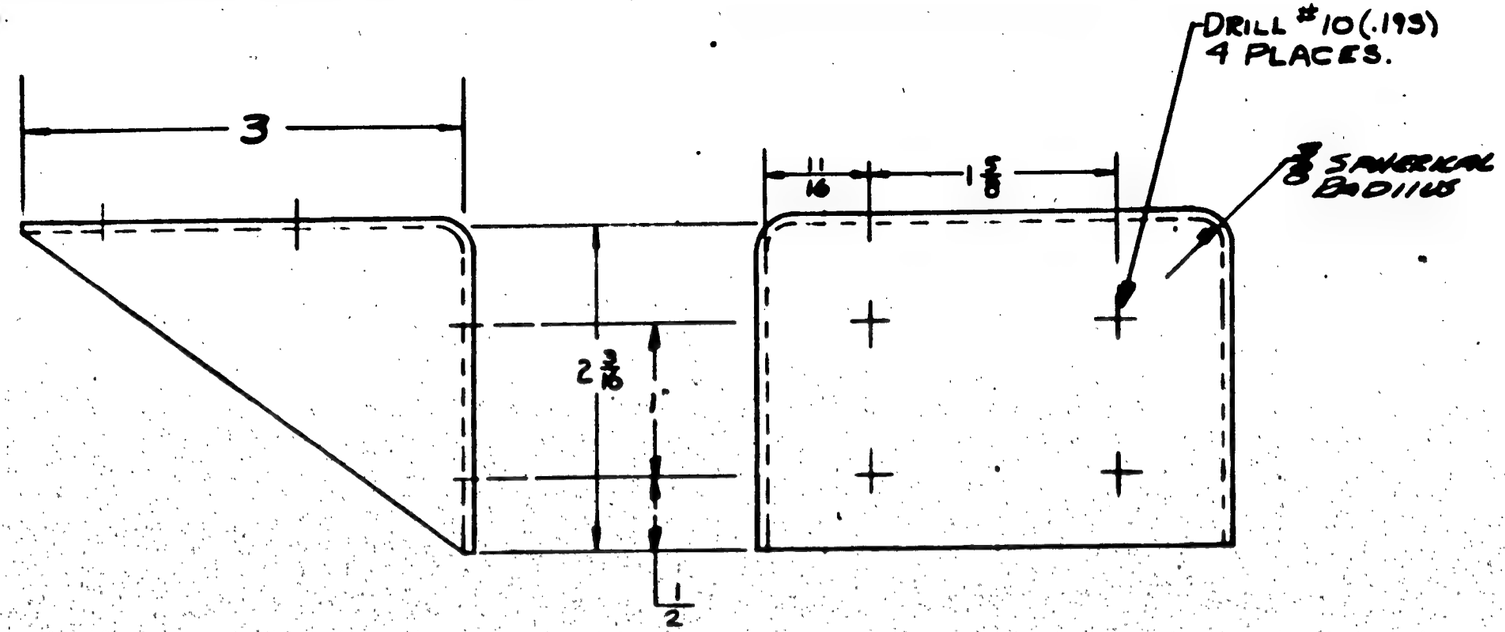
NAME PAD - BLISTER SHIELD SNUBBER GUARD

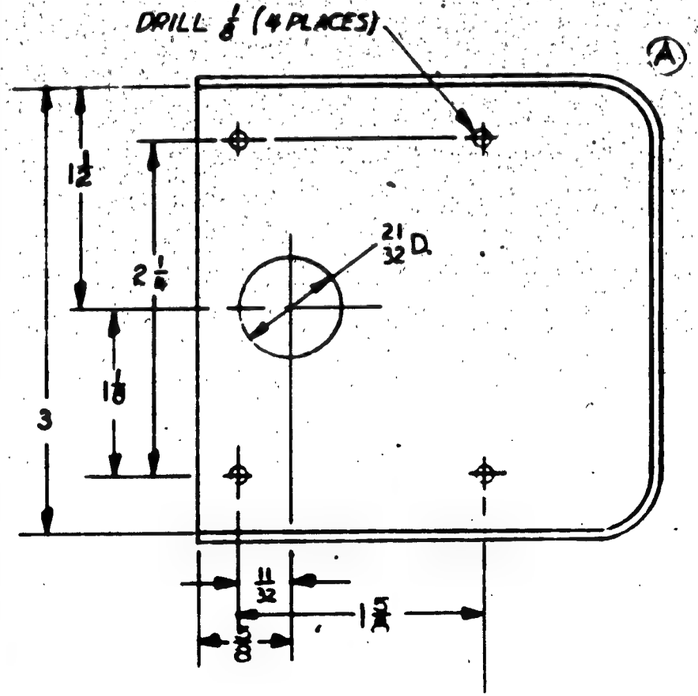
OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F5274

LET	ALTERATION	DATE	BY
A	REVISED HOLE LOCATIONS.	7-25-41	[illegible]





CONTRACT CHANGE "X"
AIRPLANES #118-167

ASSY. BASED ON	MODEL	NEXT ASSY.	USED
PBY-5	[illegible]		

REQUIREMENTS PER AIRPLANE

REPLACES .13 CALC. WT.

REPLACED BY ACT. WT.

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-0	[illegible]	ALC. 2450	47A8 Comp A	1							
PARTS LIST PER ASSY.				-0		-2		-3		-4	-5

AC								
NAVY 3R-53	Z-P-2AP		5-15-41	[illegible]				R
HEAT TREAT	FINISH		DRAFT	CHECK	STRUCT.	MAT	APPROV.	ENG.

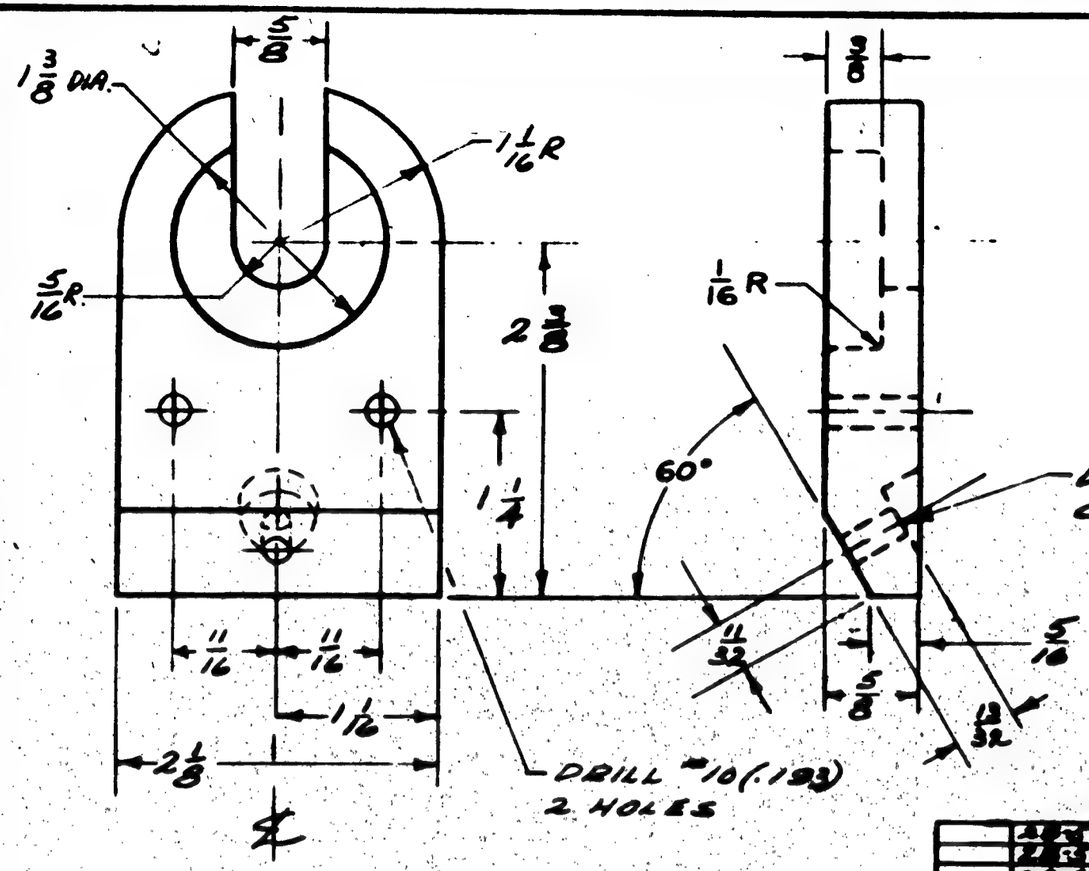
NAME BRACKET - FURNS - FIRE EXTINGUISHER NAMEPLATE

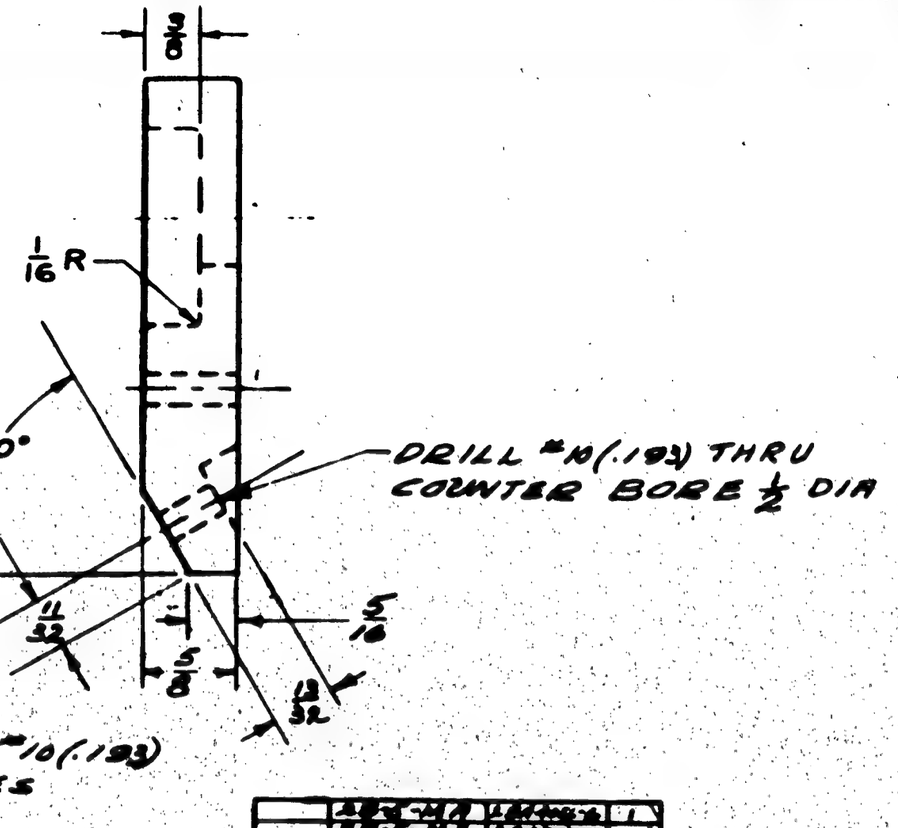
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

SIZE B 28F5325

LET	ALTERATION	DATE	BY





NOTE
BREAK ALL SHARP EDGES

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	28-5-MA	LANDING GR.	1
	28-5-MB	LANDING GR.	1
	28-5-MN	LANDING GR.	1
	28-5-AAC	LANDING GR.	1
	28-5-MG	LANDING GR.	1
	PBY-5B	28A4038	1
	PBY-5-A	LANDING GR.	1
	PBY-5	LANDING GR.	1

REQUIREMENTS PER AIRPLANE

REPLACES .191 CALC. WT.

REPLACED BY AST. WT.

LIMIT OR ENGINEERING TOLERANCE UNLESS OTHERWISE SPECIFIED	SCALE
± 1/32 1/2°	12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PURCHASE TO DWG.

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	5/8 x 3 1/4 x 2 1/8	ANNEAL. SHT.	AN-A-28										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		E.L. Cook	Billing					
NAVY None	NONE	6-18-41	6-16-41					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG	

NAME SUPPORT-ARM'T WATER SEAL WAIST GUN OUT'BD. OPERATING. PUMP

OPP. HAND

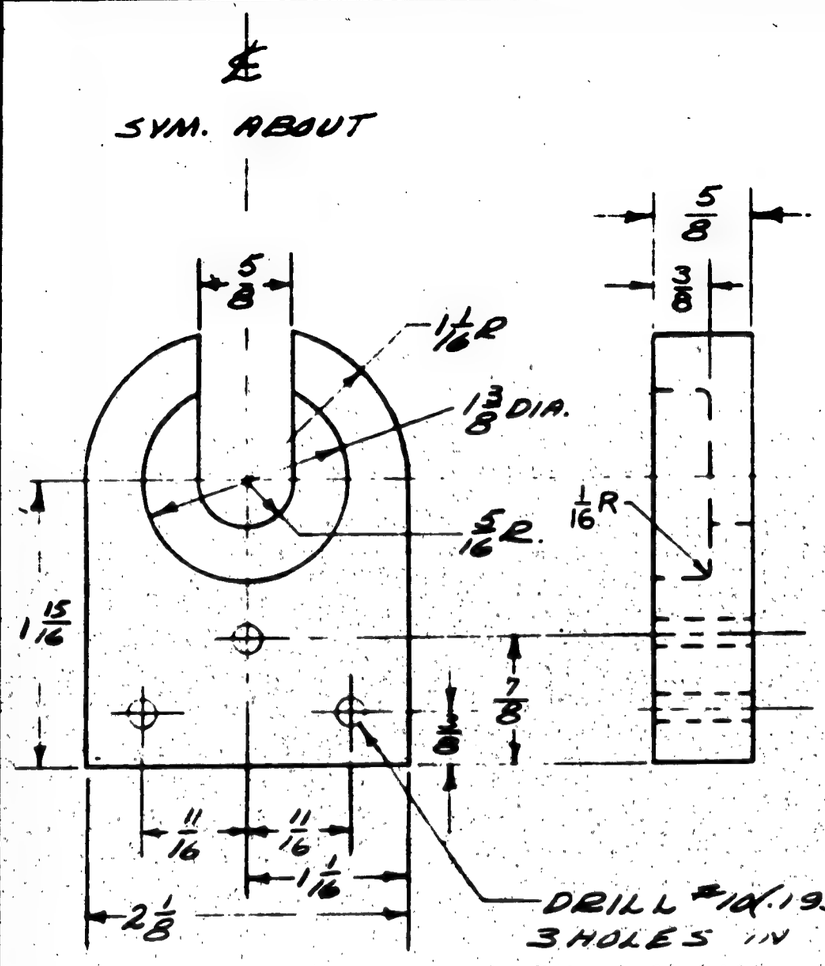
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F5332

RUSH RELEASED 6-18-41.

R [illegible] 6/16/41

LET	ALTERATION	DATE	BY



RUSH RELEASE 6-18-41

-700	28-5-MA	28A4072-2	1
-700	28-5-ME	28A4072-2	1
-700	28-5-MN	28A4072-2	1
-200	28-5-AMC	28A4072-2	1
-200	28-5-MC	28A4072-2	1
-700	PBY-5B	28A4072	1
-700	PBY-5-A	28A4072	1
-700	PBY-5	28A4072-2	1
-6	28-5-MA	28A4056	1
-6	28-5-ME	28A4056-6	1
-6	28-5-MN	28A4072-6	1
-6	28-5-AMC	28A4056-6	1
-6	28-5-MC	28A4072-6	1
-6	PBY-5B	28A4056	1
-6	PBY-5-A	28A4056-6	1
-6	PBY-5	28A4072-6	1

ASSY DASH NO	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

REPLACES	.186 Calc Wt
REPLACED BY	Act. Wt
Limit on Dimensions Unless Otherwise Specified: ± 1/32	SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

NOTE
BREAK ALL
SHARP EDGES

PURCHASE TO DWG

PART NO	STOCK	MATERIAL	SPEC	LH REQ.	RH REQ.	LH REQ	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-200	MAKE FROM -6			1							
-6	5/8 x 3 x 2 1/8	PHENOL SHT.	17PB-FBG-S	1							
** PARTS LIST PER ASSY.				-0	-2	-3	-4	-5			

AC		Eclipse					
NAVY None	None	6-16-41	6-16-41				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG

NAME SUPPORT-ARM'T. WATER SEAL WAIST GUN PUMP

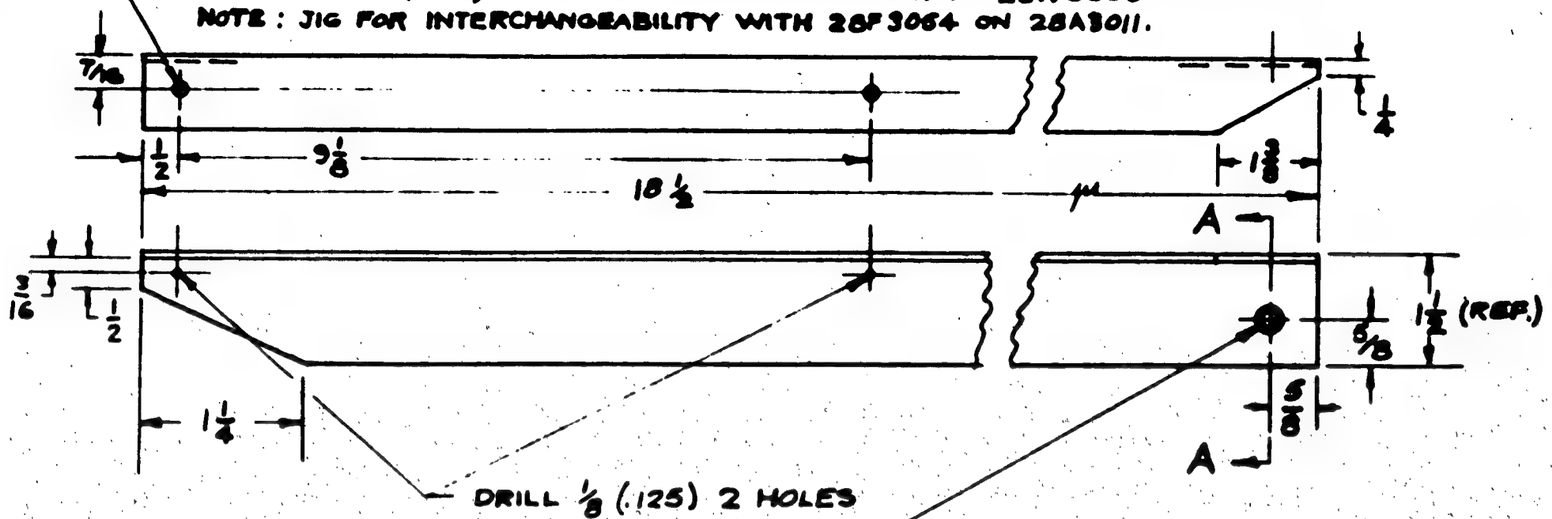
OPP. HAND

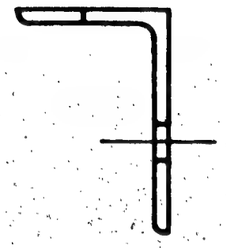
CONSOLIDATED AIRCRAFT CORP. San Diego, Calif

DWG B 28F5333

SIZE

LET	ALTERATION	DATE	BY





SECT. A-A
12"=1'-0"

GP-GREEN PRIME

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

CHG "F" - CONTRACT #77713 - S.O. #949-18
CONTRACT #70496 - S.O. #936-68

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	P8Y-5A	28AF001-2	2
	P8Y-5	28AF001-2	2
	P8Y-4	28AF001-2	2
	P8Y-3	28AF001-2	2

REQUIREMENTS PER AIRPLANE

REPLACES .404 Galv. Wt.

REPLACED BY Adpt. Wt.

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .938 | SCALE 6"=1'-0" & NOTED

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	K11636 x 15/16	M. ALLOY EXT.	46A9-T										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		BILLING					
NAVY NONE	Z-P-2AP GP	7-2-41					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG.

NAME ANGLE - ARM'T - TORPEDO LANYARD ATTACHING

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

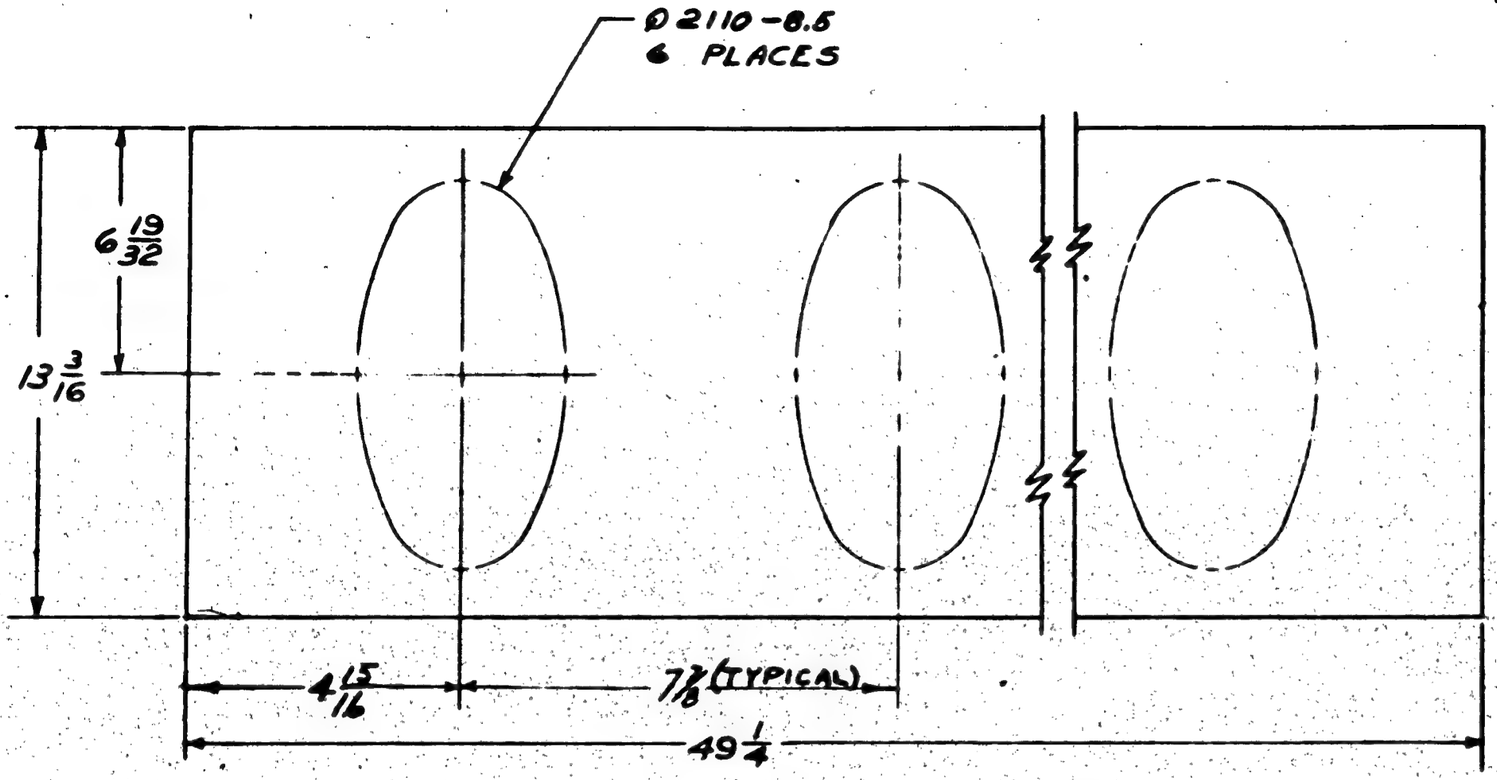
DWG. B SIZE

28F5340

TT

LET	ALTERATION	DATE	BY
A	FINISH – NONE, WAS Z-P-2AP. FINISH	3-24-43	[illegible]
	NEG. WT. CHG.		
B	INREG. / AIRPLANE BLOCK LIMITED		
	PER SA REQ. "UP TO MCR 2210-4"		
	WAS "ALL". NO WT. CHG.	6-16-43	RWR

MCR 221-B-4



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

RELEASED AS PER CONTRACT #91876

UP TO MCR 2210-4

ASSY. BLOCK No.	MODEL	NEXT ASSY.	REQ.
	P&W-SA	28F5336	2
	P&W-3	28F5337	2

REQUIREMENTS PER AIRPLANE

REPLACES 1.54 GALC. WT.

REPLACED BY ADV. WT.

SCALE 3" = 1'0"

STAMP PART NUMBER WHERE SHOWN

RUSH RELEASED 7/17/41

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.032 x 14 x 52	ALCL. 24ST	4748 CONDA										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		MAKE					
NAVY SR-53 COND. T	NONE	FINISH					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG.

NAME SIDE SUPPORT – FURN.'S – OXYGEN BOTTLES

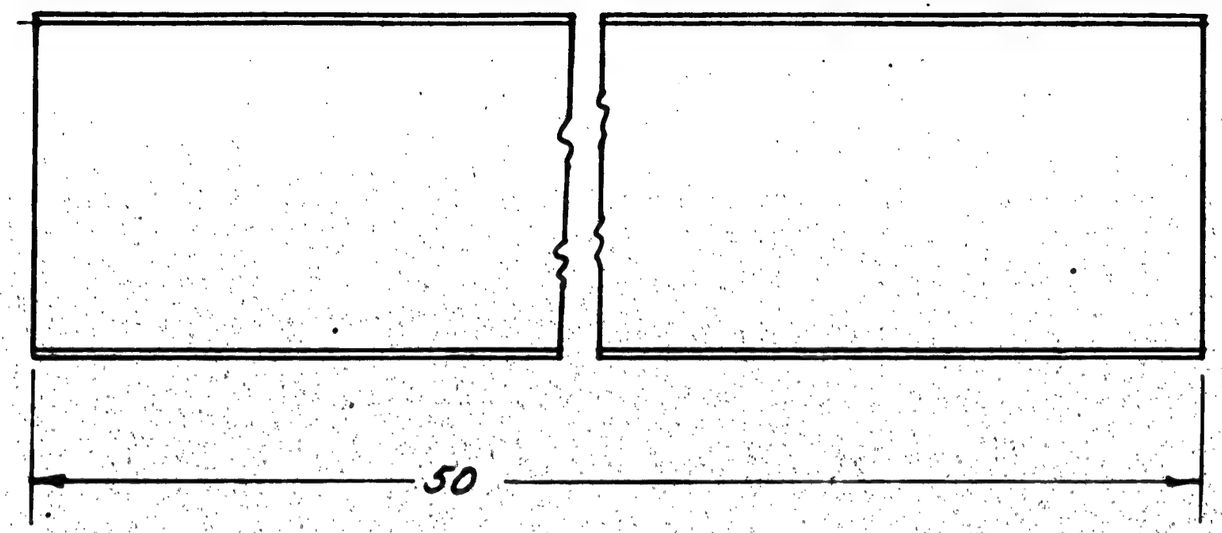
OPP. HAND NONE

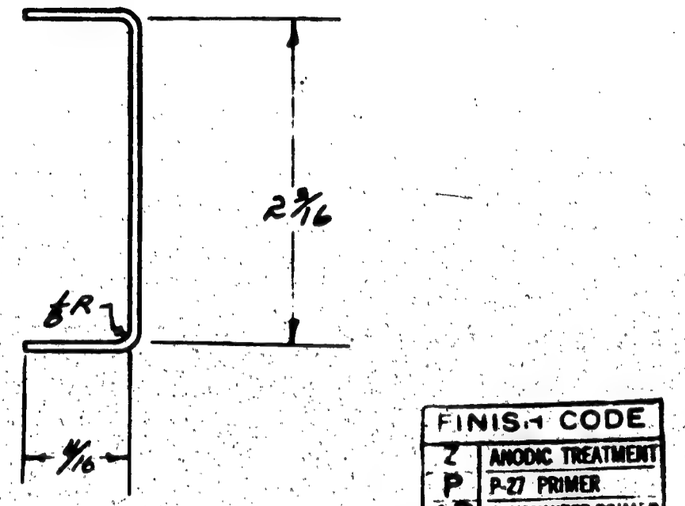
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF

DWG. B SIZE 28F5341

RVV

LET	ALTERATION	DATE	BY
A	FINISH – NONE WAS ZP – 2 AP FINISH		
	MCR 2218-4	3/6	
B	IN REQ/AIRPLANE BLOCK.		
	LIMITED PAY-SA REQ. UP TO		
	MCR 2218-4. WAS "ALL" NO ACK	6-4-43	





FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

UP TO MCK 2218-4

RUSH RELEASED 7/17/41

RELEASED AS PER CONTRACT #91876

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ'D
-0	PBY-5A	28F5336	1
-2	PBY-5	28F5336	1

REQUIREMENTS PER AIRPLANE

REPLACES — Gas. Wt.

REPLACED BY — Act. Wt.

LIST ON ENGINEERING RELEASE DRAWING ✓ — SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC

NAVY

HEAT TREAT — NONE. — FINISH

DRAFT 7/15/41 — CHECK — STRUCT — MAT. — APPROV. — ENG.

NAME CHANNEL – FURN'S – OXYGEN BOTTLE'S

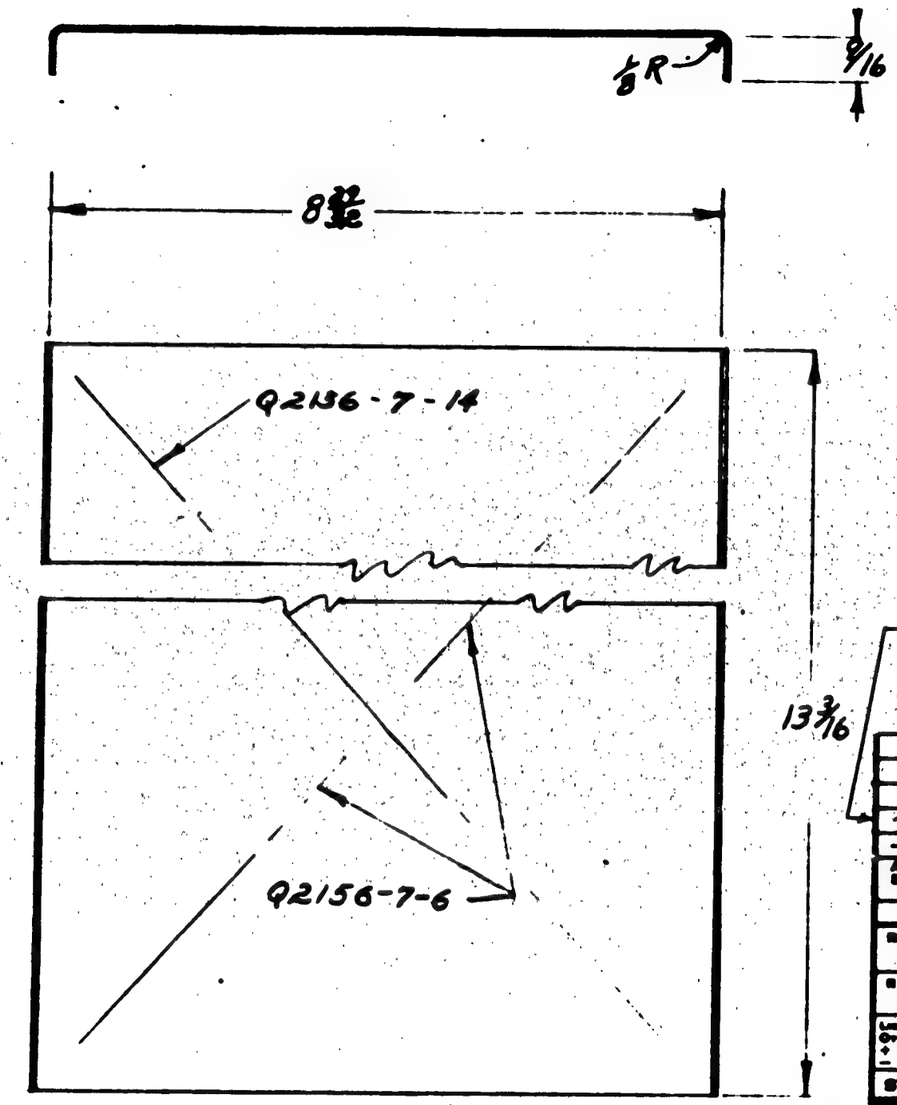
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF

OPP. HAND

SIZE B DWG. 28F5344

LET	ALTERATION	DATE	BY
A	IN B/M NONE WAS Z P-2 AP IN		
	FINISH BLOCK NO WT. CHG	8-24-43	KOBYLK
B	IN REQ. AIRPLANE BLOCK LIMITED POL		
	IN REQ "UP TO MCR 221B-4 WAS		
	ALL". NO WT. CHG.	9/16-43	ROVER

MCR 221-B-4



RELEASED AS PER CONTRACT #91876

FINISH CODE

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

RUSH RELEASED 9/16/43

ASSY. DASH NO.	MODEL	NEXT ASSY.	QTY
-0	PRY-5A	PRESS'G	2
-0	PRY-5	PRESS'G	2

REQUIREMENTS PER AIRPLANE

REPLACES .45 CALC. WT.

REPLACED BY ACT. WT.

LIMIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/2 | SCALE 6" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
-0	032 x 13 3/16 x 10 1/4	ALCLAD 2S 0 1/2 HARD											

PARTS LIST PER ASSY.

AC		DRAFTER
NAVY SR 53 CANOPY	NONE	9/14/43
HEAT TREAT	FINISH	DRAFT

CHECK | STRUCT | MAT | APPROV. | ENG.

NAME END SUPPORT — FURN'S - OXYGEN BOTTLE'S

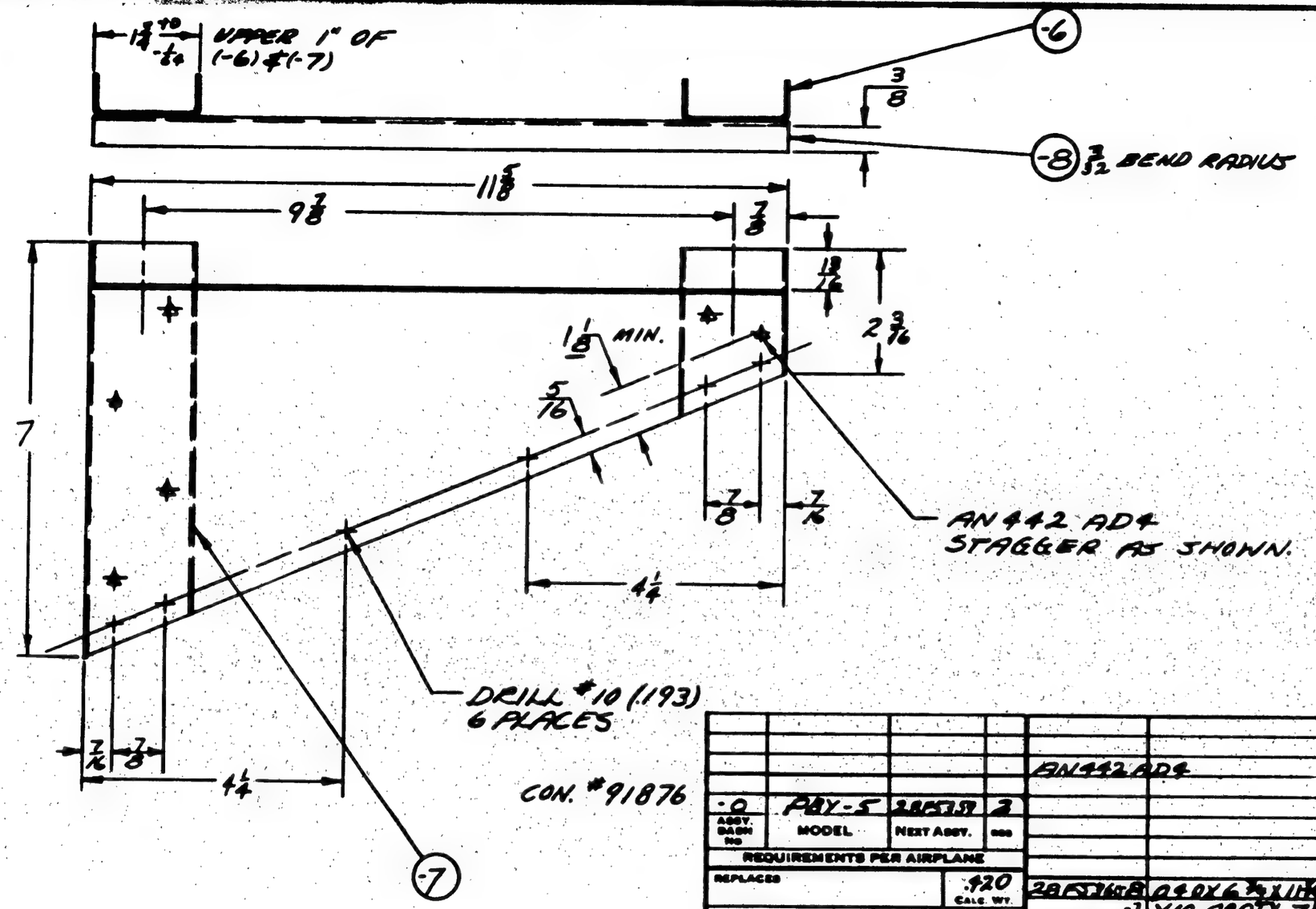
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F5345

R

LET	ALTERATION	DATE	BY



-0 ASSY. DASH NO.	P&Y-5 MODEL	28F5358 NEXT ASSY.	2 REQ'D

REQUIREMENTS PER AIRPLANE

REPLACES	.420 CALC. WT.
REPLACED BY	ACT. WT.
UNLESS OTHERWISE SPECIFIED ± .52 & NOTED	SCALE 6"=1'-0"

STAMP PART NUMBER WHERE SHOWN

AN442AD4

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
28F5358 -6	.040X6"X11¾	ALCLAD	47AB T	1									
-7	Y10AB0TX 7¾	ALCLAD	47AB T	1									
28F5360 -8	Y10AB0TX 3¾	ALCLAD	47AB T	1									

PARTS LIST PER ASSY.

-0	-2	-3	-4	-5

AC		2-23-42				
NAVY NONE	ZP-AP	2				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.

NAME CHANNEL, SUPPORT-FURNS-J.N. FUEL MIXTURE BLOWER

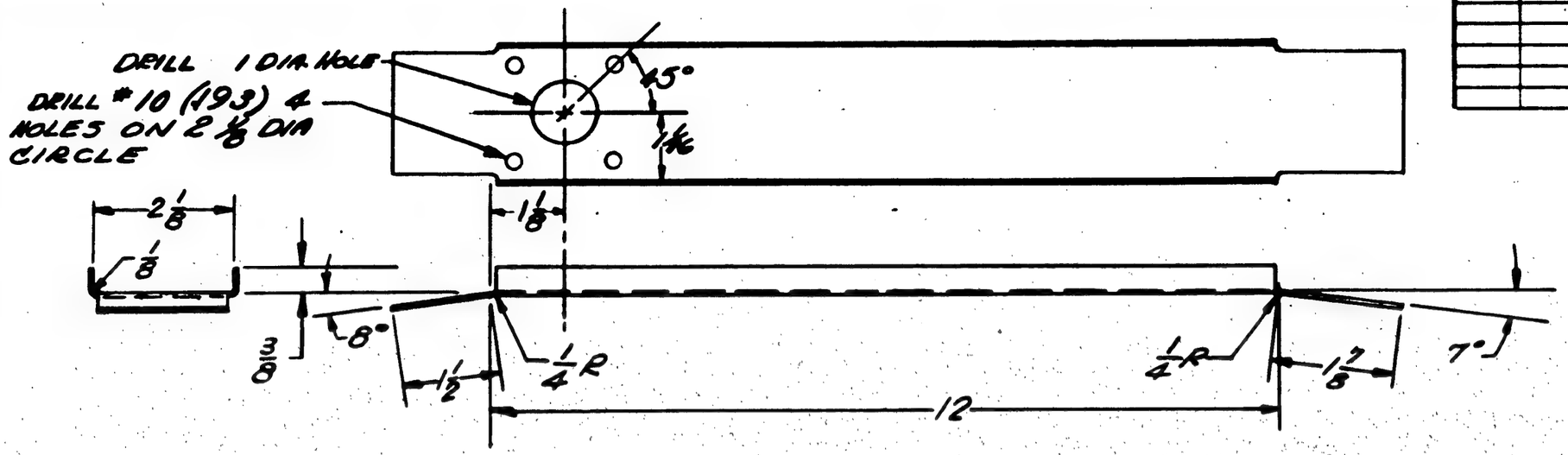
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

DWG. SIZE B 28F5360

R

LET	ALTERATION	DATE	BY



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

BEND RELIEF 1/8

CONTRACT "91876 —
CONTRACT "88476 —

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28F6103	1
	PBY-5	28F6202	1
	PBY-5A	28F6202	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. .17

REPLACED BY — ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 ∠ 1/2° — SCALE 6"=10"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.040X3X13 1/2	ALCLAD 24ST	QQA-T										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC								
NAVY NONE	Z-P-2AP	7/21/42			REP			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME BRACKET-FURN.-PILOT PANEL-SUCT. REG. VALVE

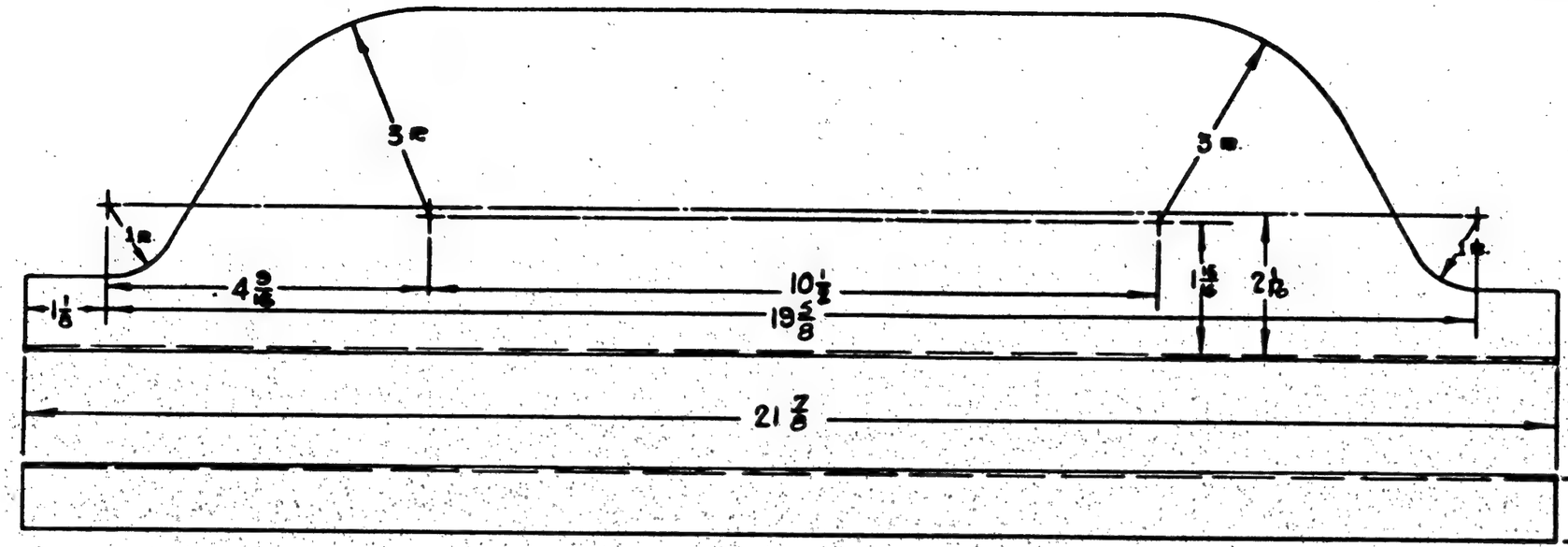
OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

B SIZE — 28F5364

R DD

LET	ALTERATION	DATE	BY



FINISH CODE	
Z	ANODIC TREATMENT
P	P-37 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

CONTRACT #91876 SHIPS 1-100
CONTRACT #70496, #77715 & FIRST 52 SHIPS OF 88476

—	PBY-5	28F5372	1
—	PBY5A	28F5372	1
ASSY. GROUP NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES — ORIG. ISS.

REPLACED BY — ADV. ISS.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE ± 1/32 — SCALE 6" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.040 X 6 1/8 X 22 1/8	24ST ALCLAD	47-A8	-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC		1/23/42			1/23/42				2/28/42
NAVY None	Z-P-AP			1/23/42					2/28
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.		

NAME EXTENSION-FURN.-RADIO OPER. VISUAL INDICATOR INBD. SHELF

OPP. HAND

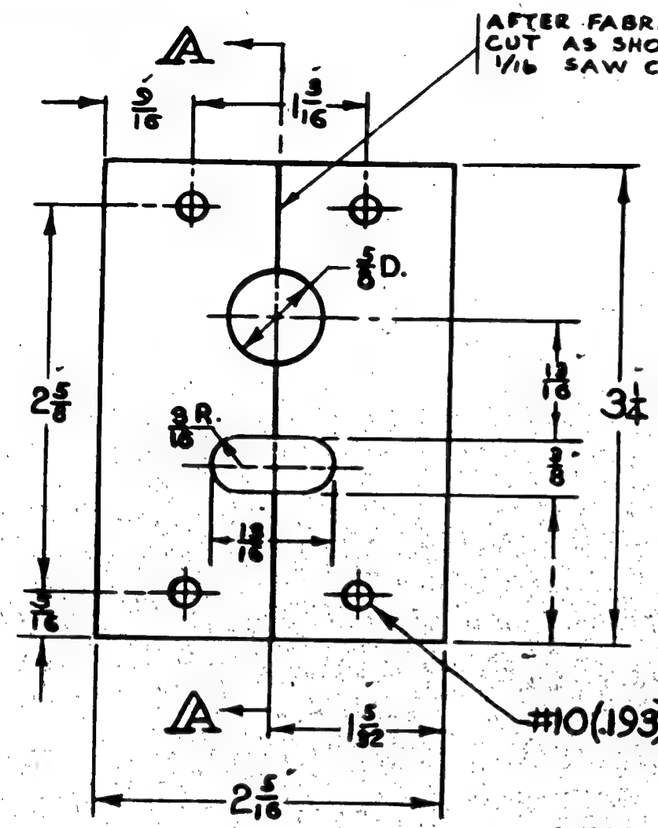
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — 28F5374

R

LET	ALTERATION	DATE	BY
A	NEXT ASS'Y WAS 28F6513	2-17-42	SELBY
B	ADDED CONTRACT #88477 TO PBY5B. NO WT. CHG.	6-17-42	WILLMARTH
C	REV'D. REQ'D AIRPLANE; REM'D -6; & ADDED "AFTER --- CUT." (NO WT. CHG.)	12-29-42	[illegible]

E.O. A74639
MCR 143-4



VIEW 'A-A'

FINISH - BAKELITE VARNISH

PURCHASE TO DWG.

C 13595
C 91876 "90104
MCR 143-4
C 70496 & 91876 "1-89
C 70496-77713 & 88476 "1-52

ASSY DASH NO	MODEL	NEXT ASSY	REQ
-0	PBY-5A	28F6955	1
-0	PBY-5	28F6956	1
-0	PBY5B	28F7003	1
-0	PBY5	28F6413	1
-0	PBY3A	28F6413	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT

REPLACED BY — ASY. WT

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

1/4 x 3 1/4 x 2 5/16 LAM. PHENOLSHT. 17P3 FBG-3

PART NO	STOCK	MATERIAL	SPEC	RH REQ.	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
PARTS LIST PER ASSY.				-0	-2	-3	-4	-5				

AC		DRAWING	CELBY ORD	Blake		Reed & C.M.	
NAVY	3V. ALL CUT SURFACES	2-5-42	2-9-42			2-19-42	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV.	ENG

NAME BLOCK-FURN.-RADAR CABLE LEAD-THROUGH

OPP. HAND NONE

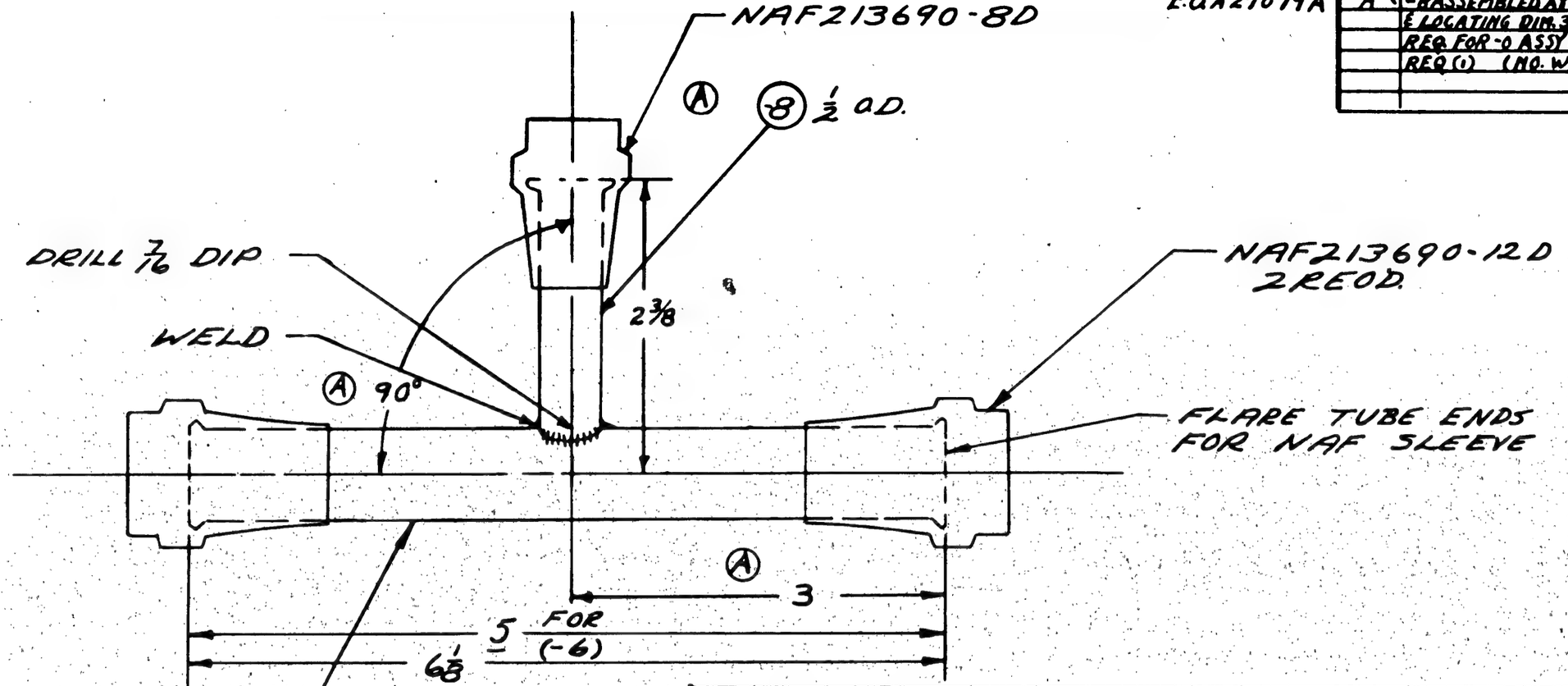
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.

DWG. B 28F5376

SIZE

LET	ALTERATION	DATE	BY
A	-B ASSEMBLED AT 90° TO -7 WAS 60°		
	E LOCATING DIM. 3 WAS 2 1/4: CANCELED		
	REQ FOR -0 ASSY E -2 REQ (3) WAS		
	REQ (1) (NO. WT. CHG.)	6-6-42	SEYMOUR

E.Q.A 27079A



CONT 91876

-2	PAY-5	28F5361	3
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ'D

REQUIREMENTS PER AIRPLANE

REPLACES		.25 CALC. WT.	
REPLACED BY		AST. WT.	
± 1/32	SCALE 12"-1'-0"		

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
PARTS LIST PER ASSY.													
NAF213690-12D						2							
NAF213690-8D						1							
28F5379-8	3/4 O.D. X .042 X 24 3/4	5250 TUBE	44T32 A			1							
28F5379-7	3/4 O.D. X .049 X 64 3/4	5250 TUBE	44T32 A			1							
-8													

A.C.		2-6-42	CHECK	STRUCT.	MAT'L	APPROV.	ENG.
NAVY NONE	ZP-AP	& SATELLITE		2-10-42	3-24-42	2-23-42	
HEAT TREAT	FINISH	DRAFT					

NAME ASS'Y. - FURN'S. - EXHAUST TEE

OPP. HAND

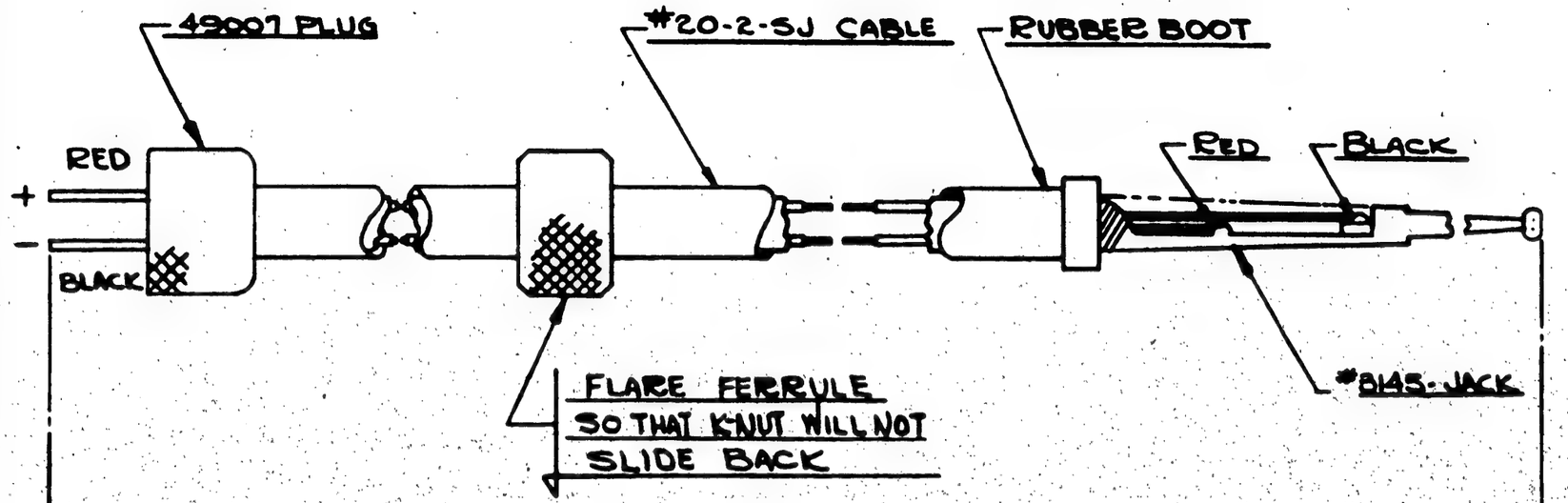
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B

28F5379

R

LET	ALTERATION	DATE	BY



NOTES

* DENOTES GOV. FURNISHED EQUIP.

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY5A	28U5009	1
	PBY5	28U5009	1

REQUIREMENTS PER AIRPLANE

REPLACES — GALS. WT.

REPLACED BY — ACT. WT.

SCALE — 4/6

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH RH REQ. -0	LH RH REQ. -2	LH RH REQ. -3	LH RH REQ. -4	LH RH REQ. -5
#3145	JACK			1				
#5146	CABLE (#20-2-SJ CABLE)			1				
#49007	PLUG			1				

PARTS LIST PER ASSY.

AC		Drawing	Furns					
NAVY None	None	2-11-42		2-12-42			2-12-42	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.		APPROV.	ENG'R.

NAME ASSY. - FURNS- RU-14 TEST METER CABLE

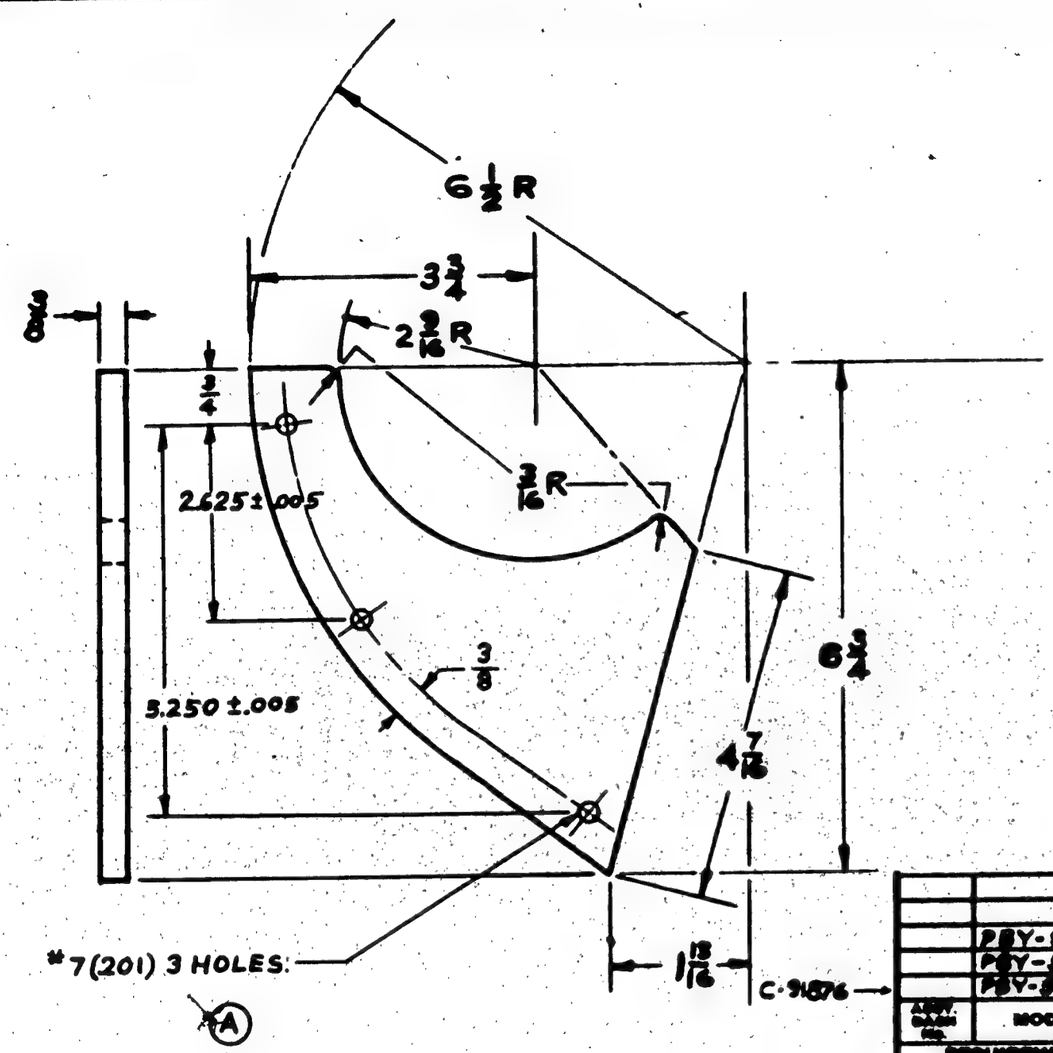
OPP. HAND None

SIZE B — DWG. 28F5381

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

R 2-11-42

LET	ALTERATION	DATE	BY
A	ADDED #7(201) 3 HOLES AND LOCATING DIM'S. NO WT. CHG.	7-8-43	[illegible]



RUSH RELEASED 2-17-42

PURCHASE TO DWG

	P8Y-5A	[illegible]	4
	P8Y-5AA	[illegible]	4
	P8Y-5	[illegible]	4
ASSY. SYMBOL NO.	MODEL	NEXT ASSY.	NOS.

REQUIREMENTS PER AIRPLANE

REPLACES .37 SHIP. WT.

REPLACED BY ASY. WT.

SCALE 6"-1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	3/8 x 2 1/2 x 3 5/16	PHENOLIC SH	ITPS-FBG-S										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		BILLING					
NAVY NONE	NONE	2-14-42			3-18-43	2-15-43	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRACKET- MK IV FLARE SUPPORT

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE

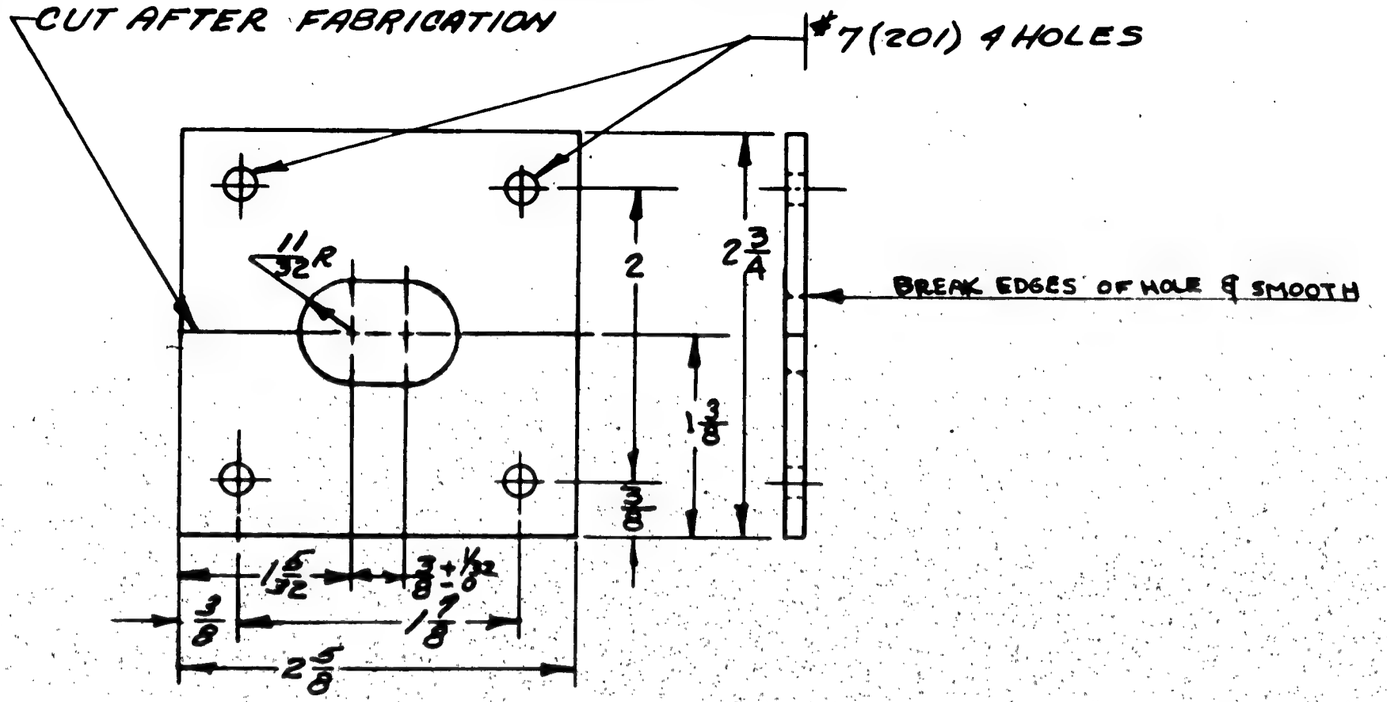
28F5382

28F5382

R

ED. A 74690
MCR. 143-2

LET	ALTERATION	DATE	BY
A	REV'D. REQ/AIRPLANE (NO WT. CHG)	12-20-42	PAP ROCKL



C. 15595
C. 91876 = 90 (ON MCR 143-2)
C. 88477
C. 70496 & 91876 = 1-89
C. 70496-77713 & 88476

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ
	PBY-5A	28F6955	1
	PBY-5A	28F6923	1
	PBY-5	28F6955	1
	PBY-5	28F6923	1
	PBY-5B	28F7316	8
	PBY-5	28F5387	8
	PBY-5A	28F5387	10

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT: .1

REPLACED BY — ACT. WT:

UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PURCHASE TO DWG

PART NO	STOCK	MATERIAL	SPEC.	1 RH REQ.	LH RH REQ.	LH RH REQ	LH RH REQ	LH RH RFQ
PARTS LIST PER ASSY.		1/8 x 2 3/4 x 2 1/8	PHENOLIC	NPS-PBG-5	-0	-2	-3	-4	-

AC		PECEN	SIMS 4-16-42	GERBER		PSCHL	JCH
NAVY NONE	NONE	4-16-42	SHAVER		JC		WOLD 4/20
HEAT TREAT	FINISH	DRAFT.	CHECK	STRUCT	MAT	APPROV	ENG

NAME LEADIN - FURN'S - R3003 RADIO CORDAGE

OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO, CALIF.

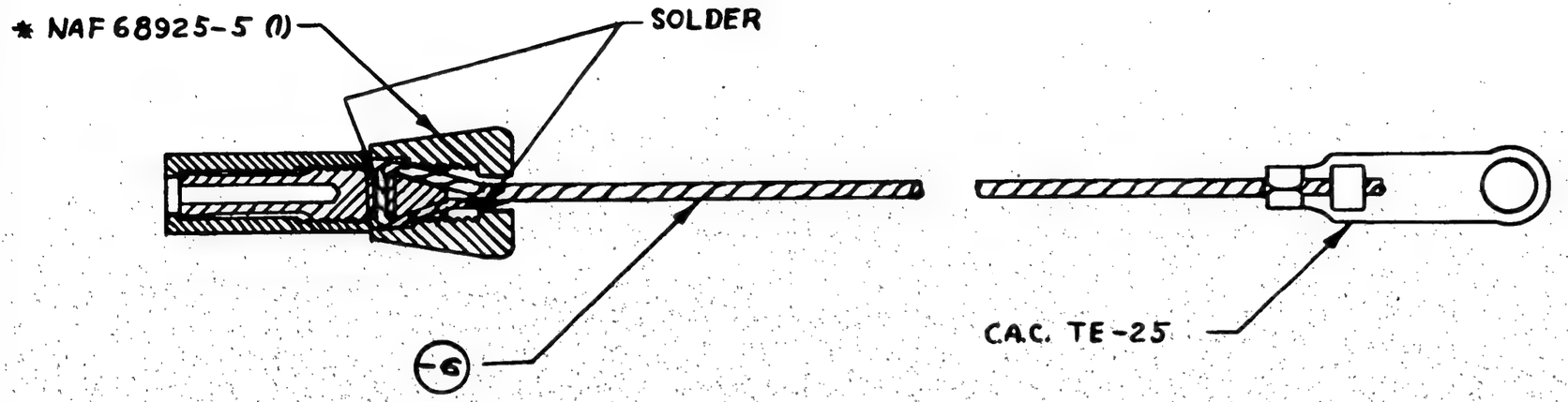
DWG. B SIZE 28F5386

RUSH-RELEASE 4-18-'42

R 9/32

LET	ALTERATION	DATE	BY
A	IN -6, DIM. 45" WAS 7"; REVISED REQ. PER AIRPLANE BLOCK; REMOVED NOTE "CORRECT--- INST." NO WT. CHG.	12-29-42	BRAGALEY

E.O A74077A
MCR 12-56



C.13595 –
C-8847G (53 ON) –
C-9187G (90 ON) –

ASSY DASH No	MODEL	NEXT ASSY.	QUAN
	PBY-5A	28F6955	2
	PBY-5A	28F5387	2
	PBY-5	28F6955	2

REQUIREMENTS PER AIRPLANE

REPLACES

REPLACED BY

.098 CALC. WT.

ACT. WT.

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± .xxx

SCALE SKETCH

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
CAC TE-25	BA19C-H	LUG		1									
*NAF 68926-5		PLUG		1									
-6	#16GA. ELECT CABLE x 45"		AN-J-C-48	1									

PARTS LIST PER ASSY.

AC		MITCH-ELL	GARCIA V.E.W		GERBER			GROVER		J.C.H.			
NAVY NONE	NONE	8-20-42				CUSTER				WOLD			
HEAT TREAT	FINISH	DRAFT	CHECK		STRUCT.		MAT.		APPROV		ENG.		

NAME CABLE ASS'Y-FURNS-ABD ANTENNA TO RECEIVER

OPP. HAND NONE

DWG. SIZE B

28F5421

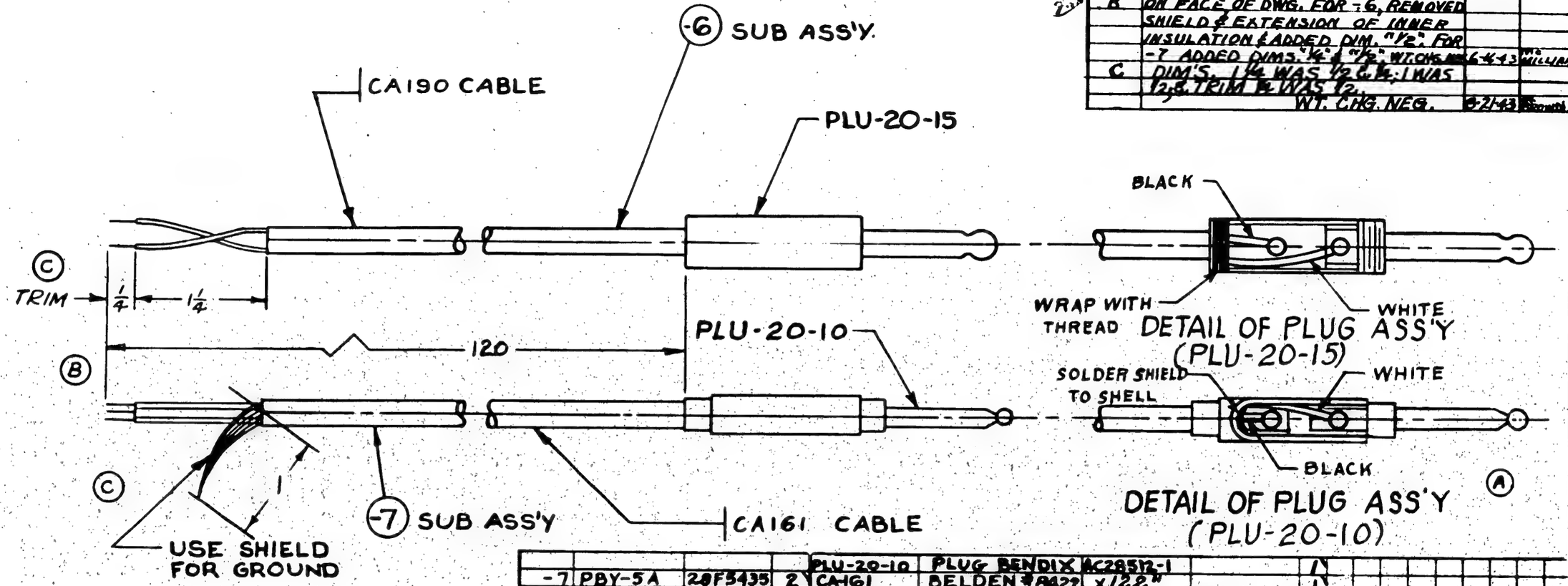
CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO, CALIF.

* DENOTES GOV'T FURN EQUIP'T.

R

MC 110
E.O. A94029

LET	ALTERATION	DATE	BY
A	ADDED DETAIL OF PLUG ASS'Y (PLU-20-10) & (PLU-20-15) NO WTCH	1-1-43	WINTER
B	ON FACE OF DWG. FOR -6, REMOVED SHIELD & EXTENSION OF INNER INSULATION & ADDED DIM. "1/2". FOR -7 ADDED DIMS. "1/4" & "1/2". WT. CHG. NEG.	6-4-43	WILLIAMS
C	DIM'S. I & K WAS 1/2 & 1/4; I WAS 1/2, & TRIM B WAS 1/2. WT. CHG. NEG.	8-21-43	Bloom



-7	PBY-5A	28F5435	2
-6	PBY-5A	28F5435	2
-7	PBY-5	28F5435	2
-6	PBY-5	28F5435	2
ASSY DASH NO	MODEL	NEXT ASSY	QTY

REQUIREMENTS PER AIRPLANE

REPLACES — 1.756 lbs Calc Wt

REPLACED BY — Act. Wt

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32

SCALE: SKETCH

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PLU-20-10	PLUG BENDIX	AC28512-1		1									
CA-161	BELDEN #8422	x122"		1									
-7	SUB ASS'Y		(MIC.)										
PLU20-15	PLUG BENDIX	AC5532I-1		1									
CA-190	BELDEN #8452	x122"		1									
-6	SUB ASS'Y		(PH)										
-7	SUB ASS'Y												
-6	SUB ASS'Y												

PARTS LIST PER ASSY.

AC		HORN	DRAY-NER	GERBER	J.F.R.	GROVER	J.C.H.
NAVY NONE	NONE	4-8-42	BENDER V.E.W.			8-1-42	WOLD
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG

NAME: WAIST GUN'S I.C.S. EXTENSION CABLES

OPP. HAND

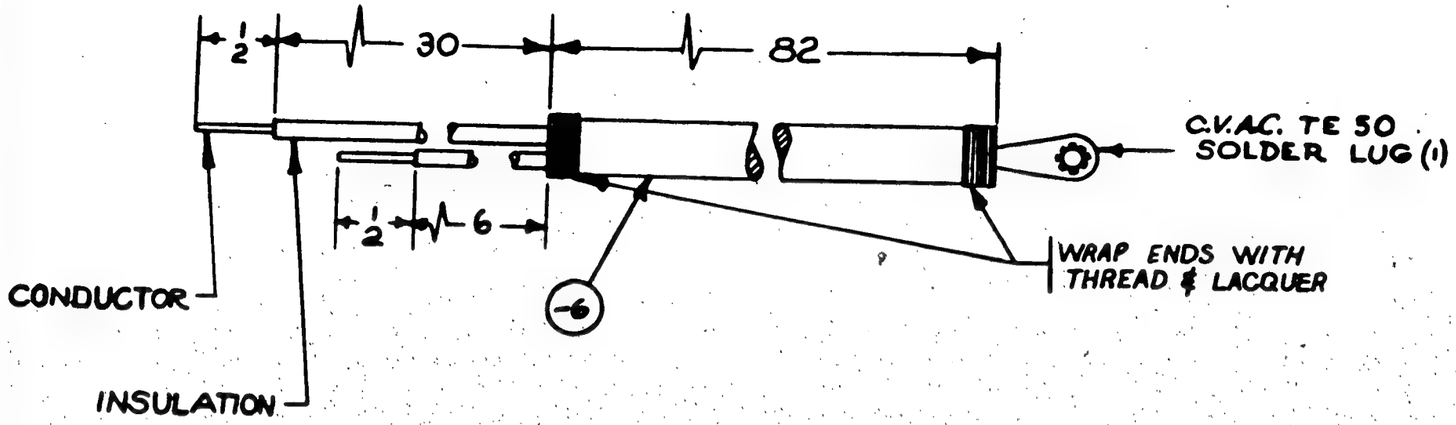
CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO CALIF.

DWG B SIZE — 28F5434

R

LET	ALTERATION	DATE	BY
G	TRACED (NO WT. CHG)	10-5-43	J SMITH

28F5441



NOTES:

1 C.V.A.C. CA36-75. MAY BE PURCHASED FROM SIMPLEX CABLE & WIRE CO. C/O GRAYBAR CO. SAN DIEGO, CALIF. (#18-2SJ)

*2. PUT PHENOFLEX SLEEVE ON END OF CABLE WIRES WITHOUT LUGS.

MOL(3)464
C,10496-T713 TO 88476 ONLY
C.91876-*90 & ON
C.91876-#1 TO 89

RUSH RELEASED 4-23-42

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ
	PBY-5A	28F6953	1
	PBY-5A	28F5102	1
	PBY-5	28F6953	1
	PBY-5	28F5102	1

REQUIREMENTS PER AIRPLANE

REPLACES (4-18-42) 28F5441 — .58 CALC. WT.

REPLACED BY — ACT. WT.

LIGHT OR SHADED UNLESS OTHERWISE SPECIFIED: ± 1/16 — SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
CAC. TE 50													
-6	CVAC *CA36-75 x 11		2 1/2										
				-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC

NAVY NONE — NONE

HEAT TREAT — FINISH

DRAWN	SIMS	GERBER	BALLIN	DACHO	J.C.H
INTENDED	4-18-42	4-23-42			WOLD 2-27-
DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME CABLE-FURN.-C.F.I. PICKUP LEAD

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

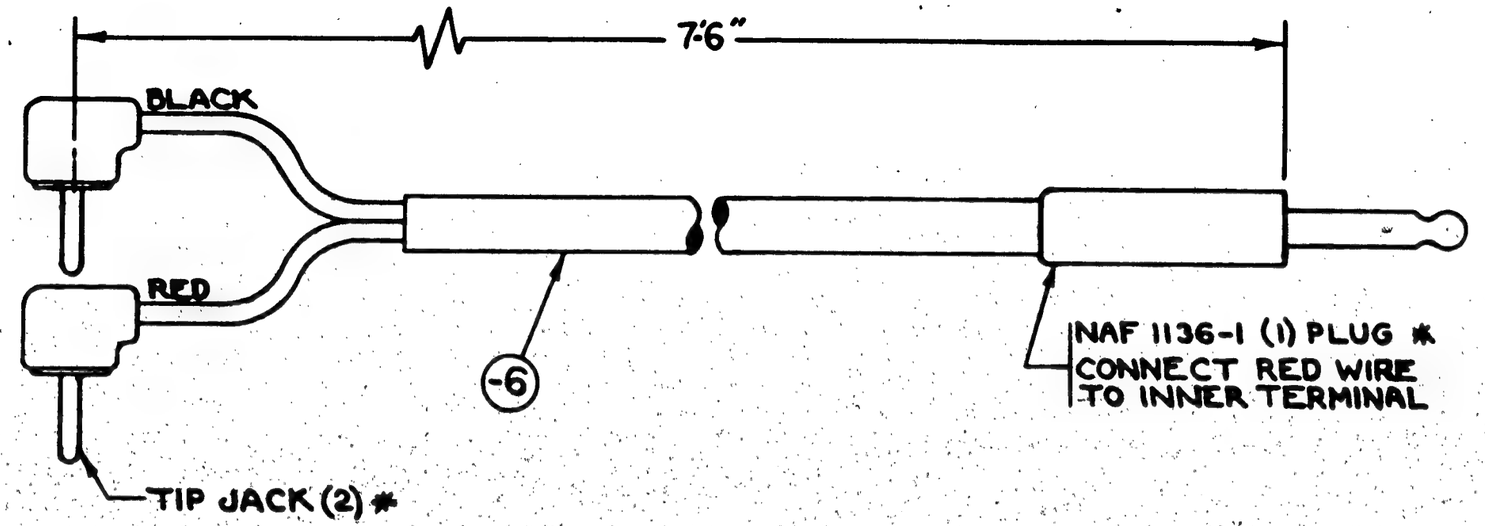
DWG. SIZE B — 28F5441

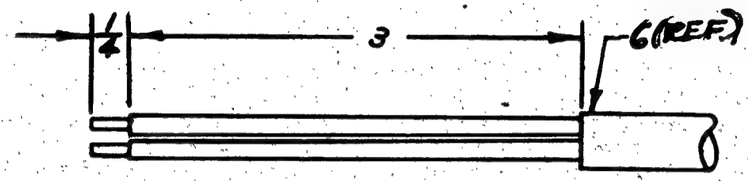
R

E.O. B2795A

LET	ALTERATION	DATE	BY
A	ADDED NOTES 1 & 2 CA 36		
	-75X-7'6" WAS #18-2SJX1'6"		
	(WT. CHG NEG)	4-1-41	ELLIS
B	ADDED STRIPPING DETAIL FOR		
	TIP JACK END. NO WT. CHG.	6-4-42	

BWH





(B) STRIPPING DETAIL FOR TIP JACK END

(A)

NOTES:
1. CAC * CA36-75 MAY BE PURCHASED FROM SIMPLEX CABLE & WIRE CO. % GRAYBAR CO. SAN DIEGO, CALIF. (*18-2SJ)
2. ALTERNATE MAT. FOR -6 IS C.A.C CA *190 MAY BE PURCHASED FROM BELDEN MTG. CO. *8452 2 CONDUCTOR.

NEXT ASSY USED ON	MODEL	NEXT ASSY.	QUAN.
	PBY-5A	28F5050	1
	PBY-5	28F5051	1

REQUIREMENTS PER AIRPLANE

REPLACES .72 LB. GALC. WT.

REPLACED BY ASY. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/4

SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
	TIP JACK			2					
* NAF 1136-1 PLUG				1					
-6 CAC	CA36-75X7'6"	SIMPLEX WIR. CABLE		1					

PARTS LIST PER ASSY.

AC		DRAFTSMAN	CLARK		BROWN	J.C.H.	
NAVY		4-20-42	4-27-42		5-1-42		5/1
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENGR.

NAME CABLE-ASS'Y-RU RECEIVER TO OUTPUT METER

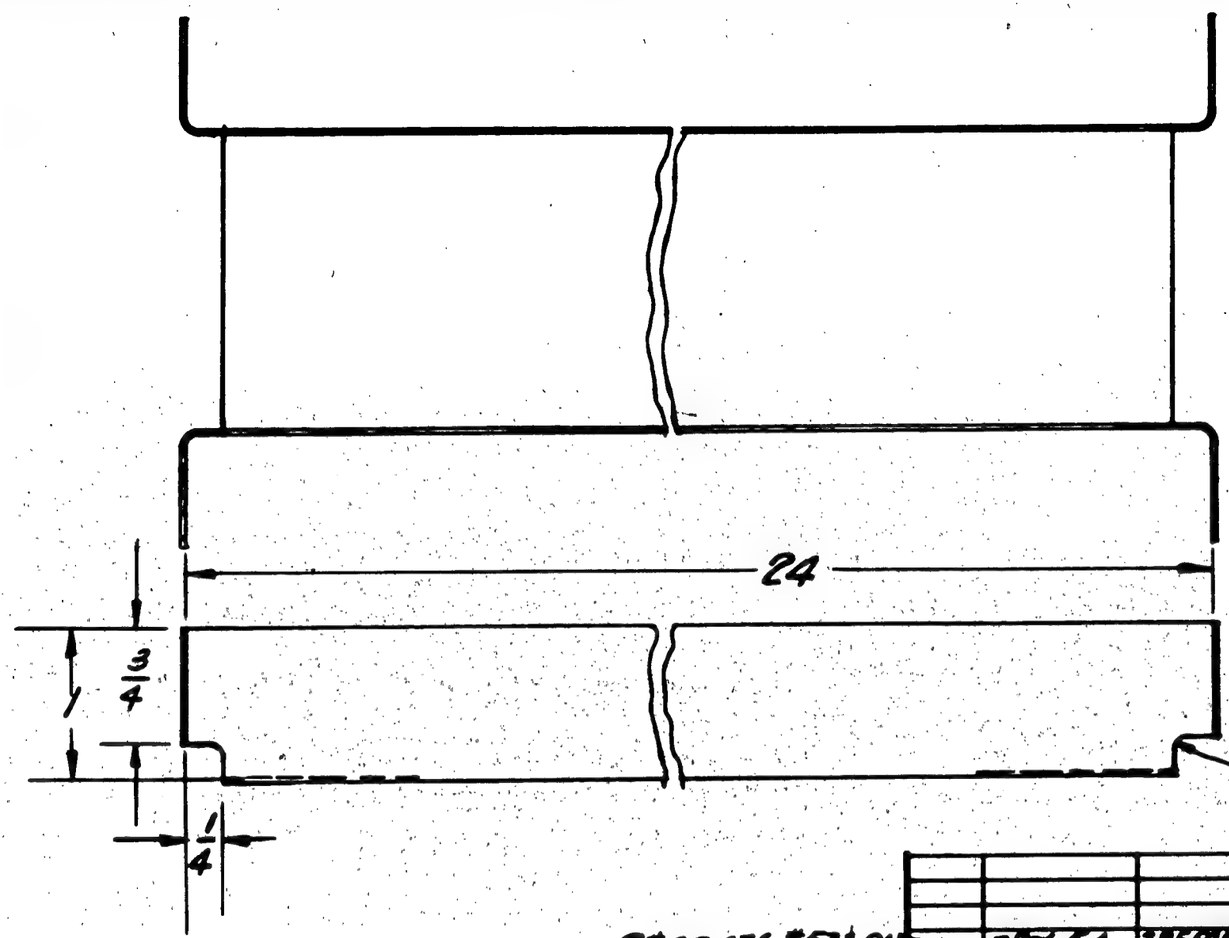
OPP. HAND

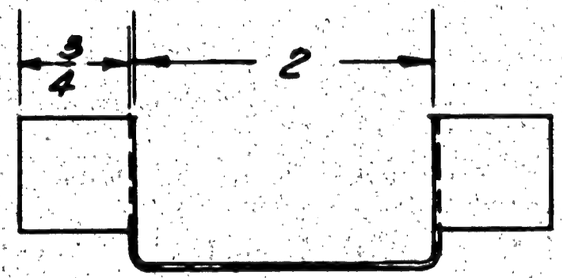
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F5444

V.T. 5/4

LET	ALTERATION	DATE	BY





FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GR. GREEN PRIME

C.#88476 #531 ON
C.#91876

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.
	PBY 5A	28F5855	2
	PBY 5	28F5835	2

REQUIREMENTS PER AIRPLANE

REPLACES	.20# CALC. WT.
REPLACED BY	ACT. WT.
LIMIT ON DECIMALS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.025 4 1/2 x 38 1/4	ALCLAD	4148-T										
** PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		5-21-42				ARM-STRONG	ZUCK
NAVY NONE	Z-P-GP	BRANDYS			Custer 5-22		MC-VICKERS
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV.	ENG.

NAME GUARD - STA. 1.33 - ARMAMENT

OPP. HAND

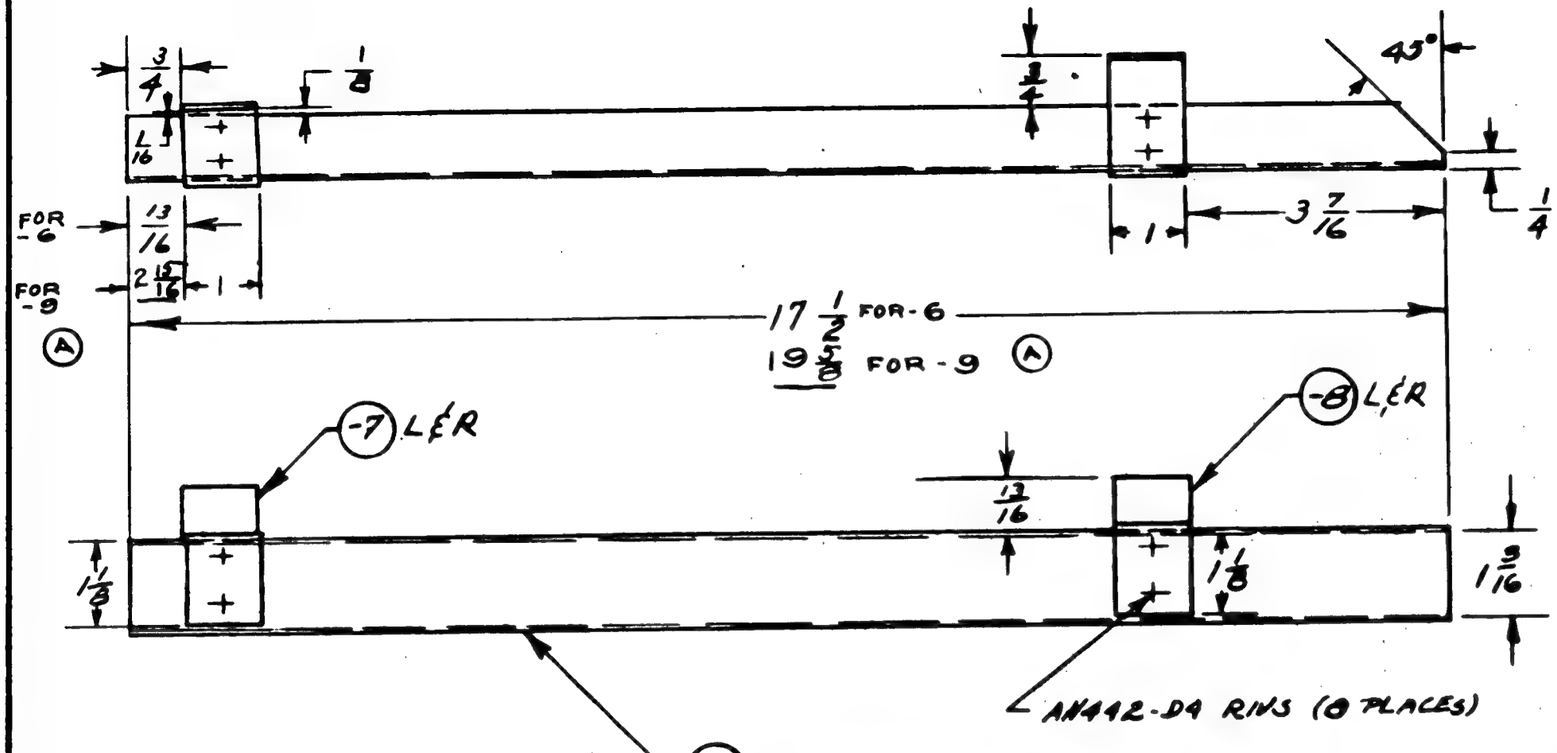
DWG. B SIZE

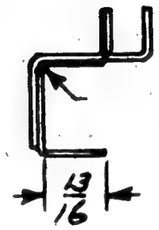
28F5450

CONSOLIDATED AIRCRAFT CORP. Wf SAN DIEGO, CALIF.

R 7/4/42

LET	ALTERATION	DATE	BY
A	REMOVED -0 & R. ADDED -0 CONSIST.		
	ING OF -6-7R-8R & AN442-D4. CREATED		
	-2 ASSY CONSISTING OF -7L, -8L -9		
	(.025 X 3 X 19 3/4 ALC. QQ-A-362T) &		
	AN442-D4. SPEC. QQ-A-362T WAS		
	47ABT. IN REQMT'S/PLANE. -0		
	WAS -R & -2 WAS -L. WT. CHG. NEG.	9-2-43	CADMIUM





FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

C.#28976
#836 ON
CONT. #918K
#ON

-0	PBY-3A	28F5453	1
-2	PBY-5A	28F5453	1
-0	PBY-3	28F5452	1
-2	PBY-5	28F5452	1

ASSY DASH NO	MODEL	NEXT ASSY.	REQ

REQUIREMENTS PER AIRPLANE

REPLACES — .17 CALC WT

REPLACED BY — ACT WT

LIMIT OR DIMENSIONS WITH ODD TOLERANCE SPECIFIED: ± 1/32 & ±1°

SCALE 6"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
-6	.025 x 3 x 17 3/8	ALC.	QQ-A-362-T	1									
AN442-D4													
-8R	.051 x 1 1/8 x 3 3/8	ALC	QQ-A-362-T	1									
-8L	.051 x 1 1/8 x 3 3/8	ALC				1							
-7R	.051 x 1 1/8 x 3 1/8	ALC		1									
-7L	.051 x 1 1/8 x 3 1/8	ALC.				1							
-R	.025 x 3 x 19 3/4	ALC.	QQ-A-362-T			1							

PARTS LIST PER ASSY.

AC			BRANLY	ZUCK
NAVY NONE	Z-P-6P	4-22-42	CUSTER 7-3-42	
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / MAT / APPROV. / ENG.	

NAME GUARD ASSY.-BOMB RELEASE-COMP'T. LOWER- ARM

CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO CALIF

OPP HAND

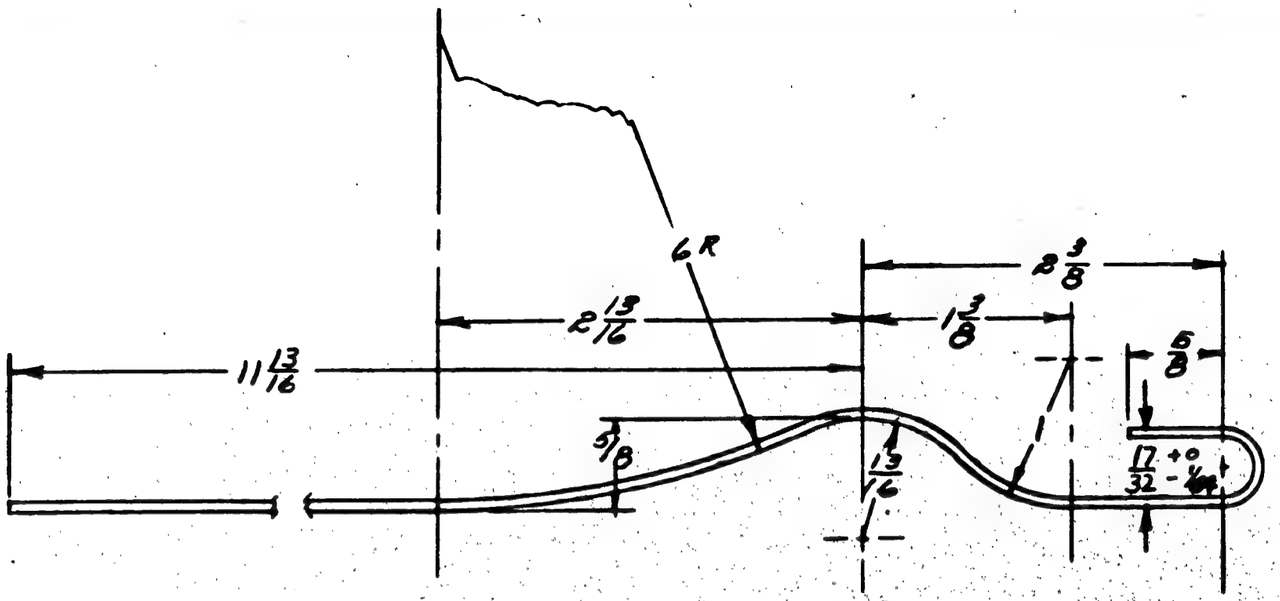
DWG B SIZE

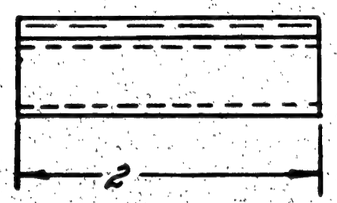
28F5452

28F5452

R 7

LET	ALTERATION	DATE	BY





FINISH
Z-ANODIZE
P-P-27 PRIMER
GP-GREEN PRIME

	PBY-5A 28F5467		1
ASSY. DASH No.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES	.823 GALS. WT.
REPLACED BY	ADV. WT.
LIMIT OF ENGINEERING UNLESS OTHERWISE SPECIFIED ± .132	SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	1 Dia x 2 1/4 x 1/8 Wa.	24ST ALC	47AR-T										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		9/23/42	7-23-42					
NAVY NONE	Z-P-GP							
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME HOOK-FURN.-PILOTS VISUAL INDICATOR STOWAGE

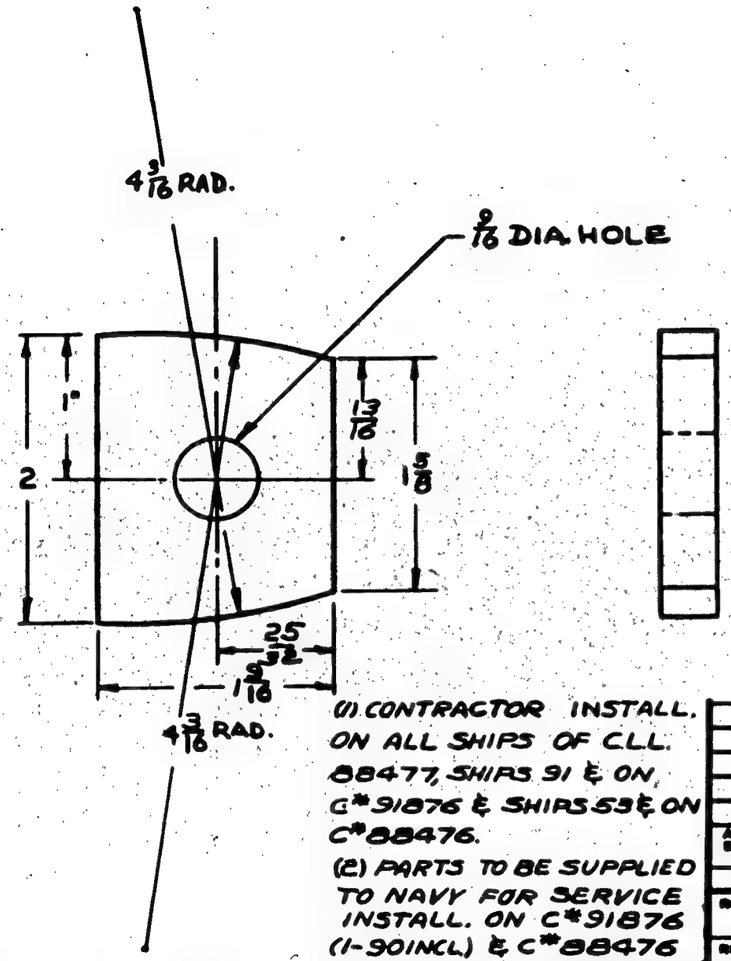
OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F5467

R

LET	ALTERATION	DATE	BY



NOTE:
USE HY CAR SYNTHETIC COMM. OR EQUIV.

(1) CONTRACTOR INSTALL. ON ALL SHIPS OF C.L.L. 88477, SHIPS 91 & ON, C*91876 & SHIPS 53 & ON C*88476.
(2) PARTS TO BE SUPPLIED TO NAVY FOR SERVICE INSTALL. ON C*91876 (1-90 INCL) & C*88476 (1-52 INCL) & 70496 (33 SHIPS) & 77713 ALL SHIPS.

PURCHASE TO DWG.

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5	2885037	2
	PBY-5A	2885037	2
	PBY-5B	2885037	2

REQUIREMENTS PER AIRPLANE

REPLACES — .01 CALC. WT.
REPLACED BY — ACT. WT.
LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 12" = 1'-0"
STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
	2½ X 1¾4 X 3/8	NOTED	NOTED						

PARTS LIST PER ASSY.

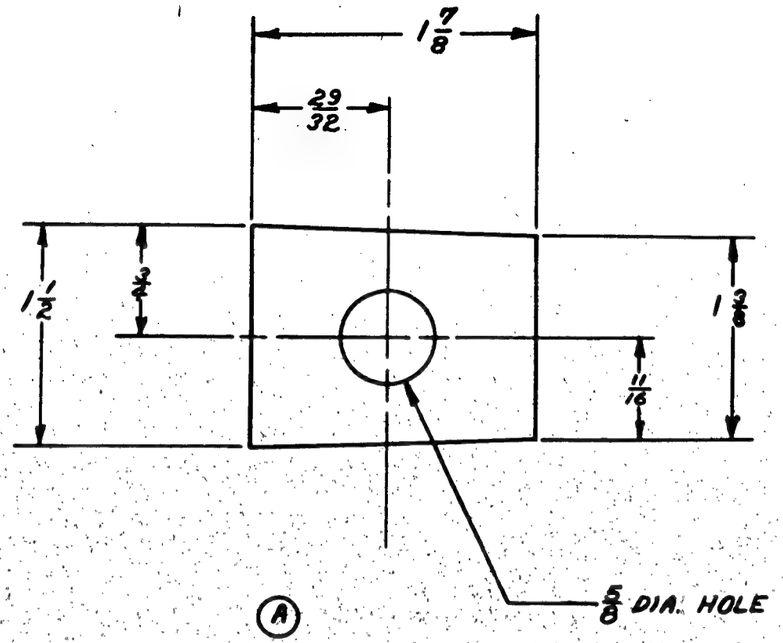
A.C.		5-1-42	GARCIA C.E.M.	GERBER		PACHEL	WOLD	5/15
NAVY		MOODY	SIMS 5-8		J.C.			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.	

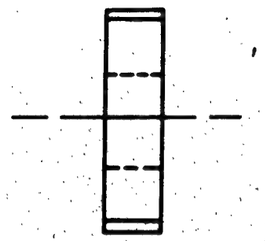
NAME GROMMET-FURNS-YAGI-BROADSIDE TRANSMITTER-MAST-WATERSEAL
OPP. HAND None
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
SIZE B
28F5473

R -

E.O.# A62807

LET	ALTERATION	DATE	BY
A	1 7/32 DIM. WAS 1 11/32, 3/4 WAS 23/32, 23/32 WAS 1 3/32, 1 3/8 WAS 2 5/16, 1 7/8 WAS 1 5/8, 11/16 WAS 3/4, 5/8 DIA. WAS 3/4. REMOVED 4 3/32 R (2 PLCS.) WT. CHG. NEG.	10-15-42	[illegible]





C. 70496-77713688976 "1-52
C. 31876 "1-80

NOTE.
USE HY-CAR SYNTHETIC COMM. OR EQUIV.

* PARTS TO BE FURN'S. TO NAVY FOR INSTALL. ON ALL PREVIOUS CONT.

PURCHASE TO DWG.

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5B*	28B5038	B
	PBY-5A*	28B5038	B
	PBY-5 *	28B5038	B

REQUIREMENTS PER AIRPLANE

REPLACES	01 CALC. WT.
REPLACED BY	ACT. WT.
LIGHT ON DRAWING UNLESS OTHERWISE SPECIFIED	SCALE 1/32 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
	2 1/4 X 2 1/2 X 3/8	NoteD	NoteD										

AC ~		5-5-42	S/MS S-9	GERBER		PACHL	WOLD 5/25	
NAVY —	—	Moody	VETE		J.C.			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME GROMMET-FURN-YAGI BROADSIDE RECEIVER ASSY-WATERSEAL

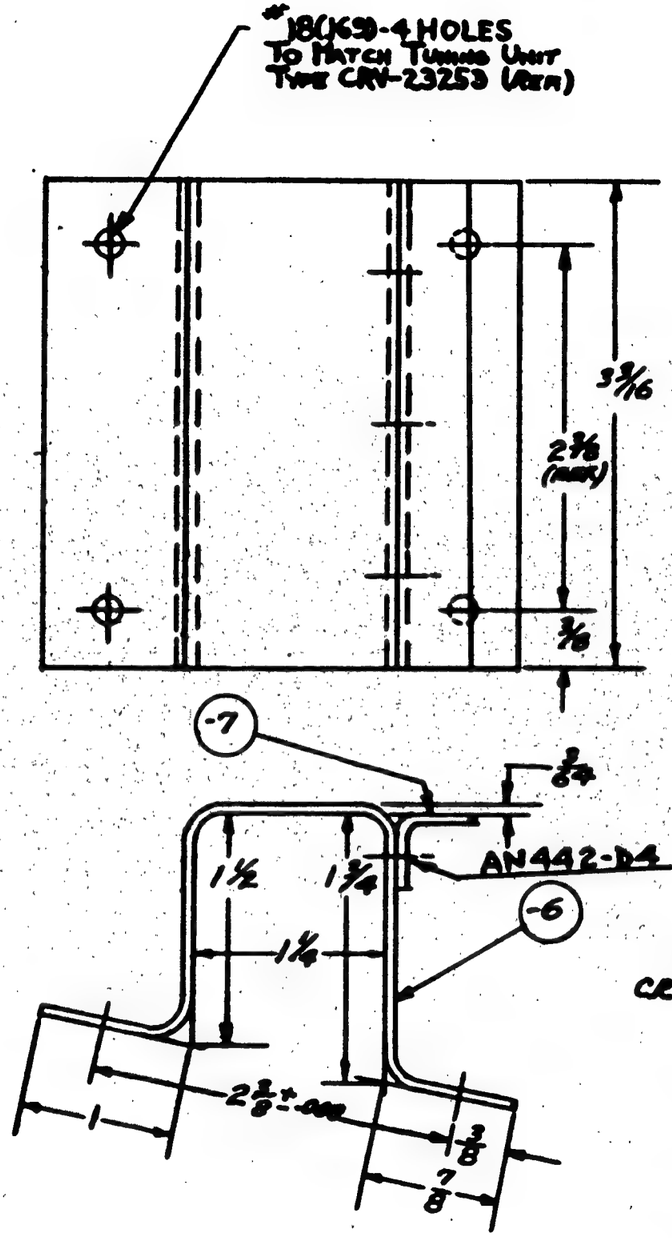
OPP. HAND NONE

DWG. B SIZE 28F5474

CONSOLIDATED AIRCRAFT CORP. Inf SAN DIEGO, CALIF.

R

LET	ALTERATION	DATE	BY



CR. #143 MW

				AN442-D4																	
-0	PBY-3	28F6323																			
ASSY. DASH NO.	MODEL	NEXT ASSY.	USED																		
REQUIREMENTS PER AIRPLANE				-7 V2AD5T4-3/16																	
REPLACES		.08 GALS. WT.		-6 .051(.169) X 3/16				ALC. 24ST			4										
REPLACED BY		AST. WT.		PART NO		STOCK		MATERIAL		SPEC.		LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
LAYOUT OR ENGINEERING DRAWING DIMENSIONS GOVERN	SCALE			** PARTS LIST PER ASSY.								-0		-2		-3		-4		-5	
± 1/32	12" = 1'-0"																				
STAMP PART NUMBER WHERE SHOWN																					

AC		BUCKLING			
NAVY NONE	Z-P-GP	6-9-42	MW		9-1-42
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRACKET-ASSY-FURN-ATB-ARB REMOTE TUNING CONTROL

OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

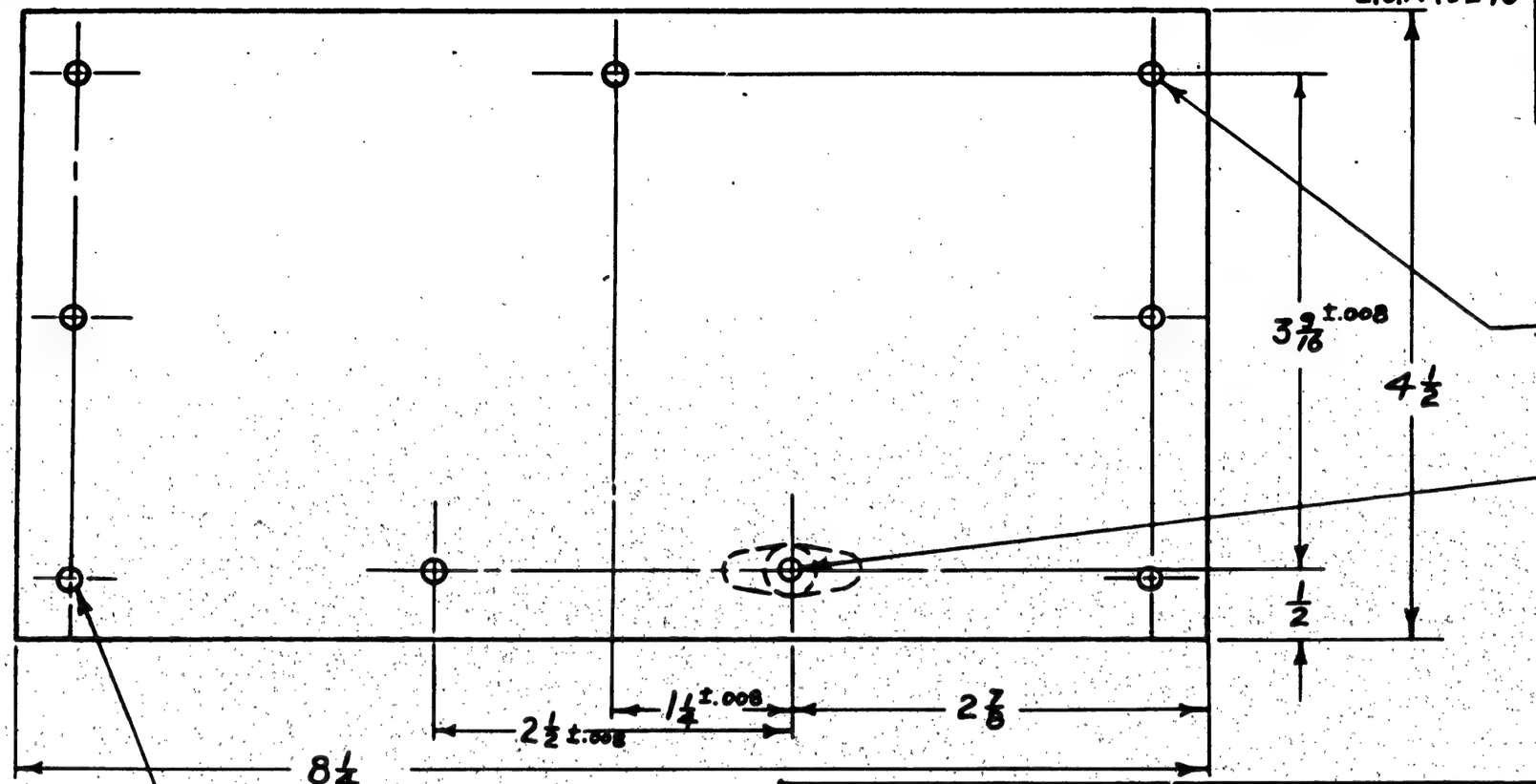
SIZE B

28F5480

R

LET	ALTERATION	DATE	BY
A	ADDED - 6. NO. WT. CHG.	7-1-42	MARSH
B	REMOVED NOTE FROM FACE OF DWG. PARTS TO BE FURN.. & CONT. RESTRICTED TO 88476 (53 & ON) & 91876 (91 & ON)	7-22-43	GARDNER

E.O.A49276



#10(.193) 3 HOLES
TO MATCH 28F2055-10

#10(.193) 3 HOLES
AC366 DF1032 (3)
AN425-D3

#10(.193) 3 HOLES
TO MATCH 28F2055-3

88476-53 & ON
CONT 91876
(91 & ON)

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ'D
	PBY-5A	28F5491	1
	PBY-5	28F5389	1

REQUIREMENTS PER AIRPLANE

REPLACES

REPLACED BY

.23 CALC. WT.

ACT. WT.

UNLESS OTHERWISE SPECIFIED ±1/32 & NOTED

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	AC366-DF-1032												
	AN425-D3												
				3									
-6	.064x45/8x8 3/8	24ST ALC.	47ABCONT	1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		MITCHELL	6-11 SIMS	GEBER			JESS
NAVY —	Z-P-AP	6-15-42	VETE		CHARLES		WOLD 6/20
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG

NAME PLATE ASS'Y - FURN. - COLINEAR ANT. C. O. SWITCH - MOUNT'G

OPP. HAND —

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

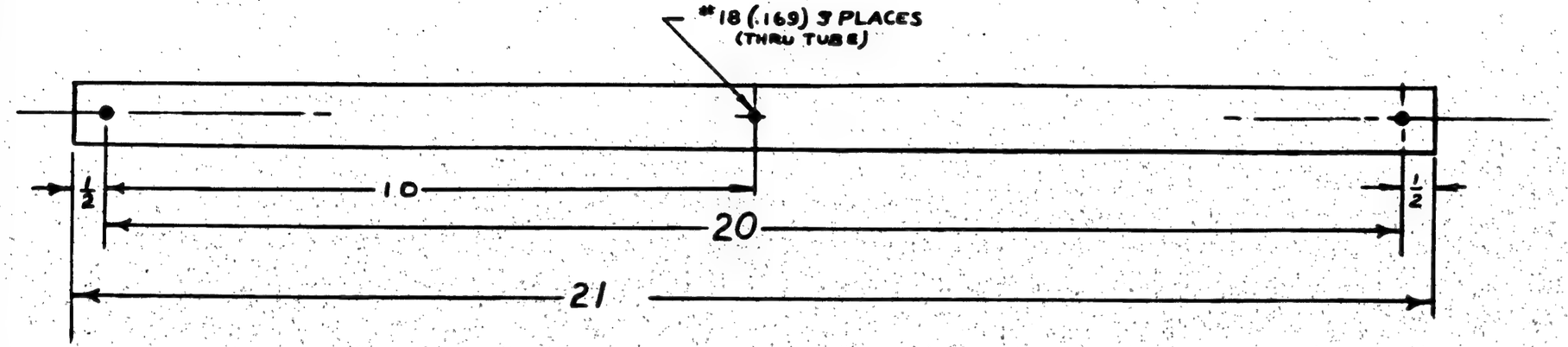
DWG. B SIZE

28F5490

R

F.O. A52979

LET	ALTERATION	DATE	BY
A	REVISED DWG. *18(.169) 3 PLACES		
	WAS 5 PLACES NO MT. CHG.	9-3-42	[illegible]



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

CONT. *88476(*93 ON)
CONT 91876 (*91 ON)

NOTE —
PARTS TO BE FURNISHED BY C.AC FOR SERVICE ACTION ON CONTRACTS 77713, 70496 (PBY-5A ONLY), 88476 (1-52). CONTRACT 91876 (1090)

ASSY DASH NO.	MODEL	NEXT ASSY.	REQ.
	28-5AMN	28FC447	2
	PBY-5A	2816447	1
	PBY-5	2816447	1

REQUIREMENTS PER AIRPLANE

REPLACES .24 CALC. WT

REPLACED BY ACT. WT.

ALLOW ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 | SCALE 6"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5

PARTS LIST PER ASSY.

AC										
NAVY —	Z-P-AP	6-18-42	CHECK	STRUCT.	MAT.	APPROV.	ENG.			
HEAT TREAT	FINISH	DRAFT								

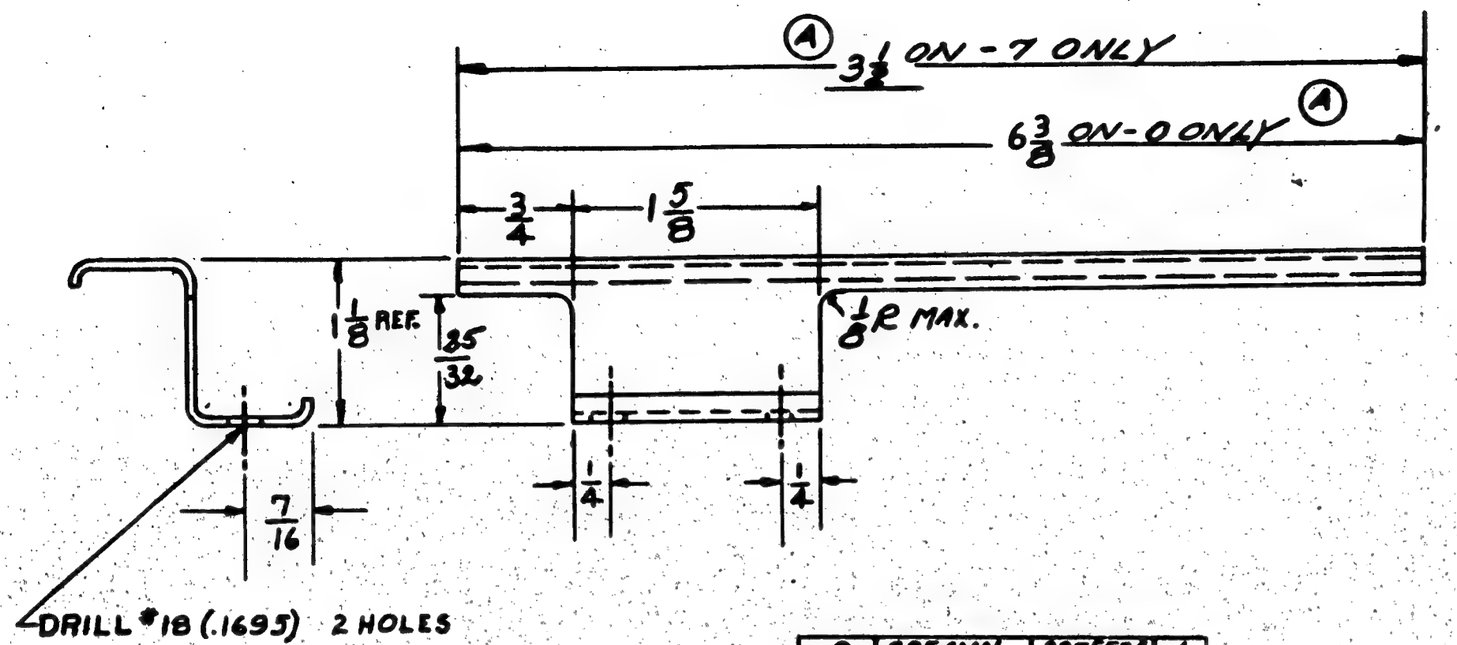
NAME SPACER BAR - FURN. - COLINEAR ANTENNA ARRAYS

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND —

SIZE B | 28F5491

LET	ALTERATION	DATE	BY
A	ADDED -7 (3½ LG)	[illegible]	[illegible]
B	IN B/M & ON FACE REPLACED FOR -0 "K11270 x 6½ 16 AL AL EXT 24ST, 46A9-T" WITH "Y-36-A28RT x 6½" & FOR -7 REPLACED "K11270 x 3⅝ ALG., AL AL 24ST. 46A9-T" WITH "Y-36-A28RT x 3⅝" EXT. "REQ'D" TO DATE W/OUT NOTE	[illegible]	[illegible]
C	IN B/M FOR -0 REPLACED "Y-36-A28RT X 6½" WITH "NOTED" & FOR -7, REPLACED "Y-36-A28RT X 3⅝" WITH "NOTED". REVISED NOTE "MAKE FROM Y-36-A28RT" & ADDED MATL. NOTES #1 & #2. NO WT. CHG.	9-26-40	[illegible]



ASSY DASH NO	MODEL	NEXT ASSY.	REQ.
-0	28-5AMN	28F5534	1
-0	28-5AMC	28F5534	1
-0	28-5MN	28F5534	1
-0	28-5MC	28F5534	1
-0	28-5MA	28F5534	1
-7	PBY-5B	28F5202	1
-7	PBY-5	28F5202	1
-7	PBY-5A	28F5202	1
-0	28-5-ME	28F5534	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ADV. WT.

LIGHT ON SHADOWBOARD UNLESS OTHERWISE SPECIFIED: 1/32

SCALE: 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIME

	PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
A	-7	NOTED	NOTED	NOTED						
		NOTED	NOTED	NOTED						

PARTS LIST PER ASSY.

MATERIAL NOTES-

1.- MAT'L. FOR -0 MAY BE-
(A) Y-36-A28RT X 6½, OR
(B) K11270 X 6½, AL. AL. EXTR., SPEC. QQ-A-354-T.

2.- MAT'L. FOR -7 MAY BE-
(A) Y-36-A28RT X 3⅝, OR
(B) K11270 X 3⅝, AL. AL. EXTR., SPEC. QQ-A-354-T.

(A) CONTRACT #91876
CONTRACT 88476

NONE	Z-P-28P	Thomas						
NAVY		7/6/40	7-1-40		9/9/40	11/21/40		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV.	ENG	

NAME SUPPORT-FURNISHINGS-
INSTRU. LINES - PILOTS PANEL

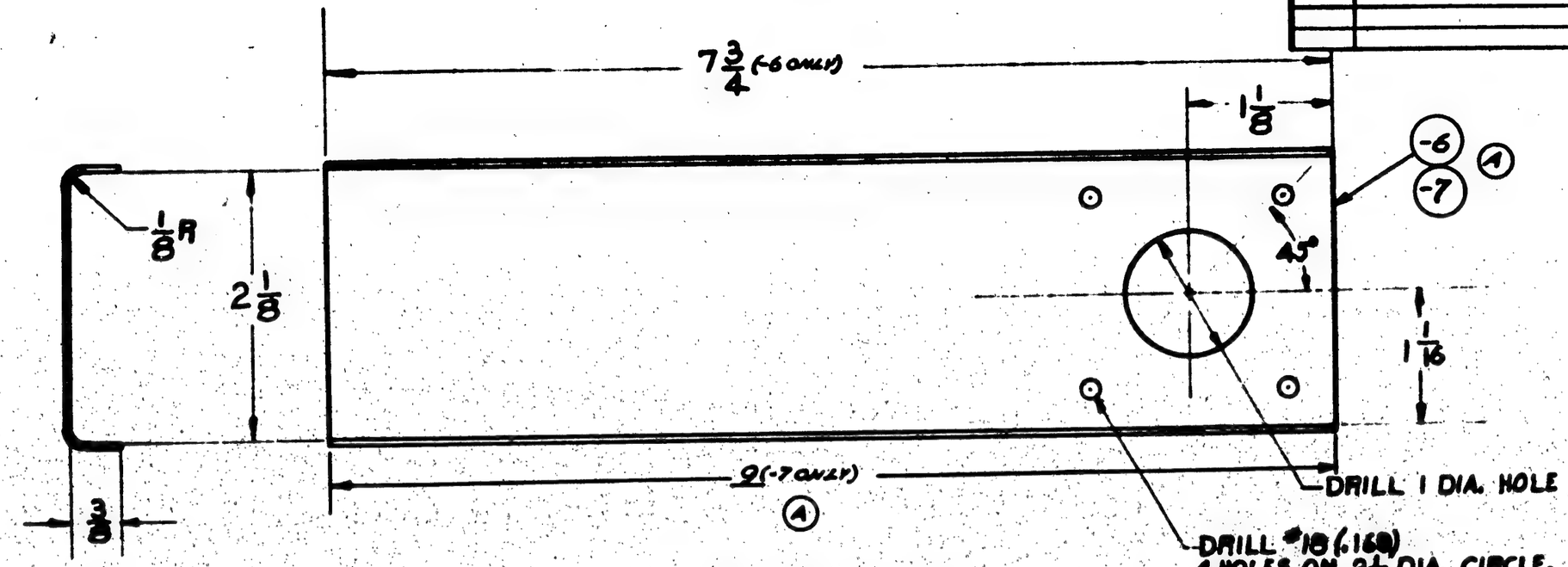
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

SIZE B — 28F5530

28F5530

LET	ALTERATION	DATE	BY
A	CREATED -7 (WT. CHG. NAC)	6/26/40	Cunliffe



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIME

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
-7	PBY-5B	28F4428	1
-6	28-5AN	28F4103	2
-6	28-5ANN	28F5530	1
-6	28-5WCANC	28F5532	1 REF
-7	PBY-5A	28F4428	1
-7	PBY-5	28F4428	1
-6	28-5ME	28F5534	1
-6	28-5-MA	28F5534	1

REQUIREMENTS PER AIRPLANE

REPLACES — SALE WT.

REPLACED BY — ASSY. WT.

LOFT OR ENGINEERING DRAWING — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

C-88476-
C-91876-

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
-7	.040 x 3 x 9 1/8	AL. AL. 24S	47A10-7						
-6	.040 x 3 x 7 3/4	AL. AL. 24S	47A10 CONST						

PARTS LIST PER ASSY.

NONE	Z-P-2 GP	TRACING		
NAVY		3/6/40	3/14/40	4/19/40
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT. MAT. APPROV ENG

NAME SUPPORT-FURNISHINGS-
SUCTION REGULATING VALVE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

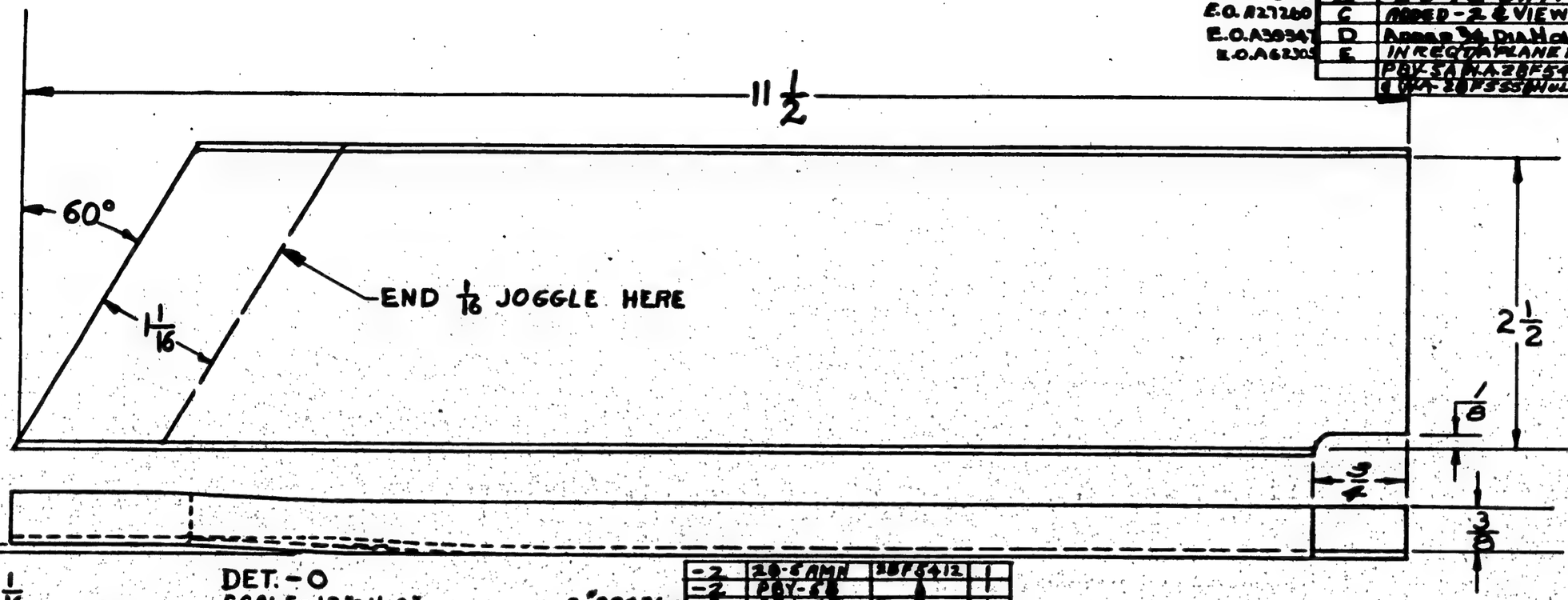
OPP. HAND

DWG. B 5128

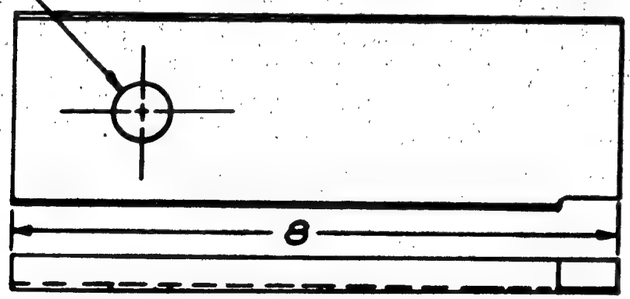
28F5531

LET	ALTERATION	DATE	BY
A	MAT'L. THIS SH. ALLOY 24ST-42110 CONV'T	11-1-40	R.VEN
	R.T. ADDED		
B	3/8 & 3/4 DIM. WERE ADDED	2-1-41	GLUCH
C	ADDED -2 & VIEW (WT. CHG. NEG.)	9-1-41	[illegible]
D	ADDED 3/4 DIA HOLE TO -2. WT. CHG. NEG.	2-14-42	GRAY
E	IN REQUA PLANE BLK. LIMITED-2		
	PBY SAN A 28F5411 HULLS 76 to 899		
	(USA-28F5551 HULLS 900 ON INCLUSIVE)	1-15-43	FUNK

E.O. 13577
E.O. 33600
E.O. A27260
E.O. A39347
E.O. A62305



DET. - 0
SCALE - 12" = 1'-0"



C. "8847C HULLS 76 to 899
C. "9187C
C. "8847C HULL "900 to [illegible]

C DET. - 2
SAME AS DET. - 0 EXCEPT AS SHOWN
SCALE - 6" = 1'-0"

-2	28-5 AMN	28F5412	1
-2	PBY-5B		1
-2	PBY-5A		1
-2	PBY-5	28F5412	1
-0	28-5 MN	28F5551	1
-0	28-5 NAC & NAC		1 EA.
-0	28-5 NA & NE		1 EA.
-0	U.S.C.G.	28F5551	1
BACK NO	MODEL	NEXT ASSY.	QTY

REQUIREMENTS PER AIRPLANE

REPLACES	-01.2 Calc. Wt.
REPLACED BY	Act. Wt.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE NOTED

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	Ⓐ SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-2	.064 × 3½ × 8 1/4	AL. AL. 24S0	47A10 Conv.										
	.064 × 3½ × 11¾	AL. AL. 24S0	47A10 Conv.										

AC NONE	Z-P-2AP	THOMAS		GREEN				RLA	
NAVY SR-53 Ⓐ		3/20/40	4-1-40		9/8/40			2	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV.	ENG		

FINISH CODE

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

NAME GUSSET-FURNS.-4-WAY VALVE-BLK'HD. #1.00

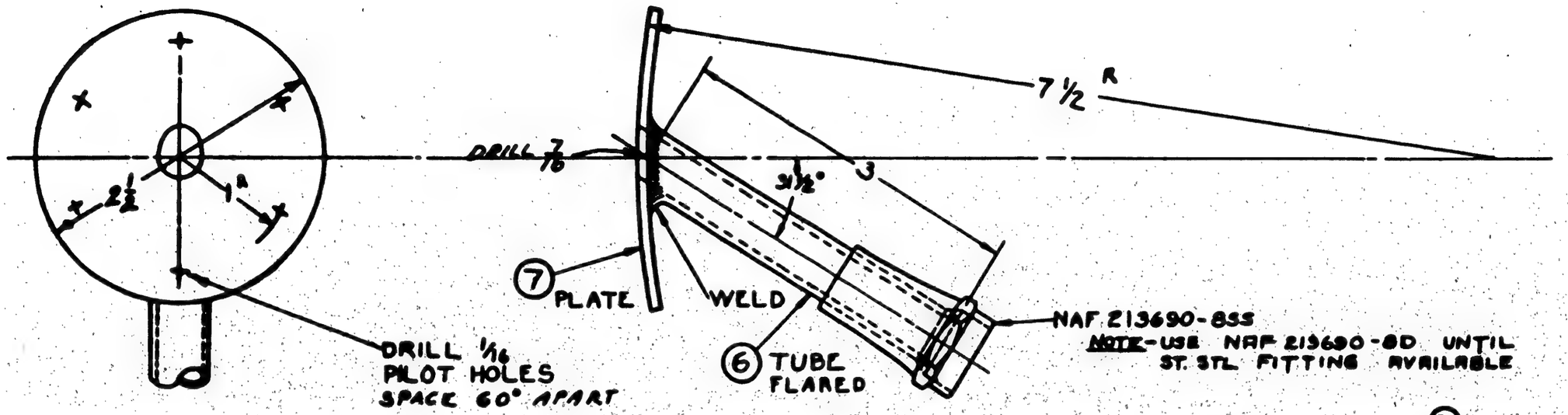
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

SIZE B | 28F5553

R

LET	ALTERATION	DATE	BY
A	Spec. 44T27 and 44T28, 2732 and 2733 in Ser.	[illegible]	[illegible]
B	W. Note: Sandblast Corr. Steel after weld. Sandblast Cad. Plate. (No. Wt. Chg.)	4-7-42	[illegible]



NOTE:
SANDBLAST & PASSIVATE
OUTLET BEFORE ADDING FITTING

(Below)

THIS DRWG HAS BEEN RUSH
RELEASED FOR 5 SETS OF PARTS
H. S.

-0	PBY-5B	28F5614	1
-0	PBY-5A	28F5613	1
-0	PBY-5	28F5612	1
-0	28-5BMC	28F5611	1
-0	28-5MC	28F5610	1
-0	28-5MA	28F5609	1
-0	28-5ME	28F5608	1
USED ON THIS	MODEL	NEXT ASSY.	REQ

REQUIREMENTS PER AIRPLANE

REPLACES .169 CALC. WT.

REPLACED BY ACT. WT.

SCALE OF DIMENSIONS UNLESS OTHERWISE SPECIFIED: 1/32 & 3 1/2° | SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

NAF 213690-8SS

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
28F5614-7	.035 x 2¼ x 2¾	CORR RESIST	47S21 HB	1					
28F5614-6	1/2 OD x .065 x 5½	CORR RESIST	44T27	1					
PARTS LIST PER ASSY.				-0	-2	-3	-4	-5	

AC		DINA					
NAVY NONE	NOTE 0	1-15-41			JPE		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME ASS'Y.-FURN'S.
WAIST GUN HEATER EXHAUST

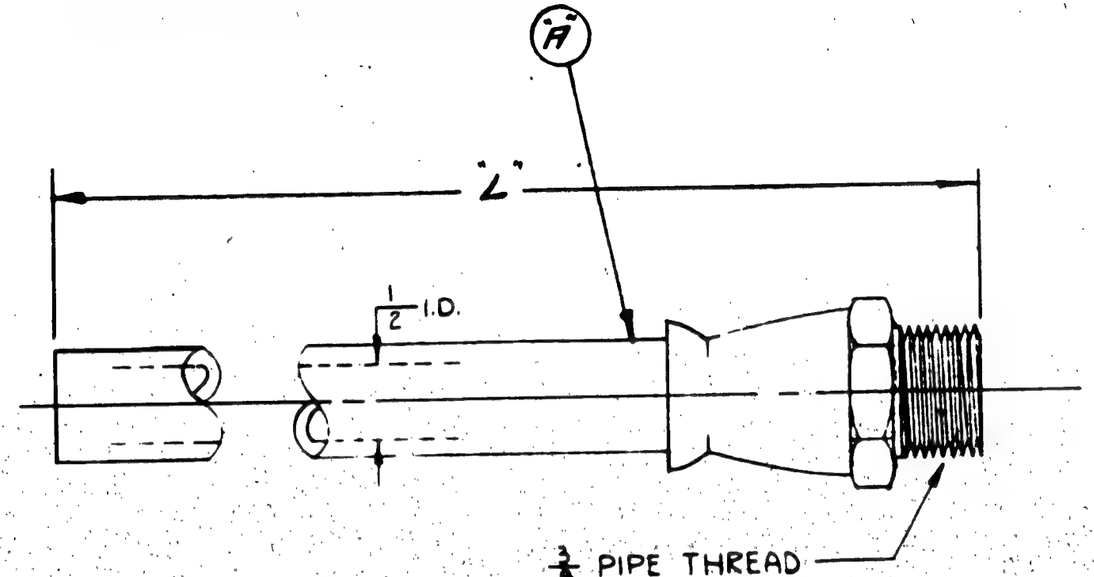
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND NONE

SUPS. B SIZE 28F5614

V V R

LET	ALTERATION	DATE	BY
A	CH'G'D NEXT A'324 REQ'TS	4/19/44	Steele
	FOR 28-5 ME, MA, MC		
B	ADDED -9-10-11-12A-14	11/17/44	Steele
	FOR PBY-5A & 28-5AMC		



(B) DASH NO "A"	LENGTH "L"
-6	30
-7	22
-8	15
-9	21
-10	24
-11	19
-12	16
-14	27

NOTE: MAKE ABOVE HOSE ASSY FROM WEATHERHEAD HOSE #3406-8

PURCHASE TO DWG

CONTRACT #70496-168 TO 200 & CON. #77713, C-88476

#1 - #22 INCL

ASS'Y DASH NO	MODEL	NEXT ASS'Y	REQ
-8	PBY-5B	28F7289	3
-9	PBY-5B	28F7289	2
-14	PBY-5B	28F7289	1
-12	PBY-5	28F5361	1
-11	PBY-5		2
-10	PBY-5		3
-7	PBY-5	28F5361	2
-4	PBY5A	28F6169	1
-8	PBY5A		1
-12	PBY5A		1
-11	PBY5A		1
-10	PBY5A		2
-9	PBY5A	28F6169	1
-8	B24-A	32F1720	3
-7	B24-A		3
-6	B24-A		3
-8	B24#7		3
-7	B24#7		3
-6	B24#7	32F1720	2
-8	28-5AMC	28F6024	1
-14	28-5AMC	28F6024	2
-12	28-5AMC	28F6024	1
-11	28-5AMC	28F6024	1
-10	28-5AMC	28F6024	2
-9	28-5AMC	28F6024	1
-8	28-5AMC	28F6024	8
-8	28-5MA	28F5244	8
-8	28-5ME	28F5244	8

ADD'L DASH NO	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

REPLACES — CALC WT 1.5

REPLACED BY — ACT WT

LIGHT ON ENGINEERING UNLESS OTHERWISE SPECIFIED — SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
28F5636-14	NOTED	NOTED											
-12													
-11													
-10													
-9													
28F5636-8	NOTED	NOTED											
-7													
28F5636-6	NOTED	NOTED											

PARTS LIST PER ASSY.

AC				1-29-41		
NAVY				STEELE		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG

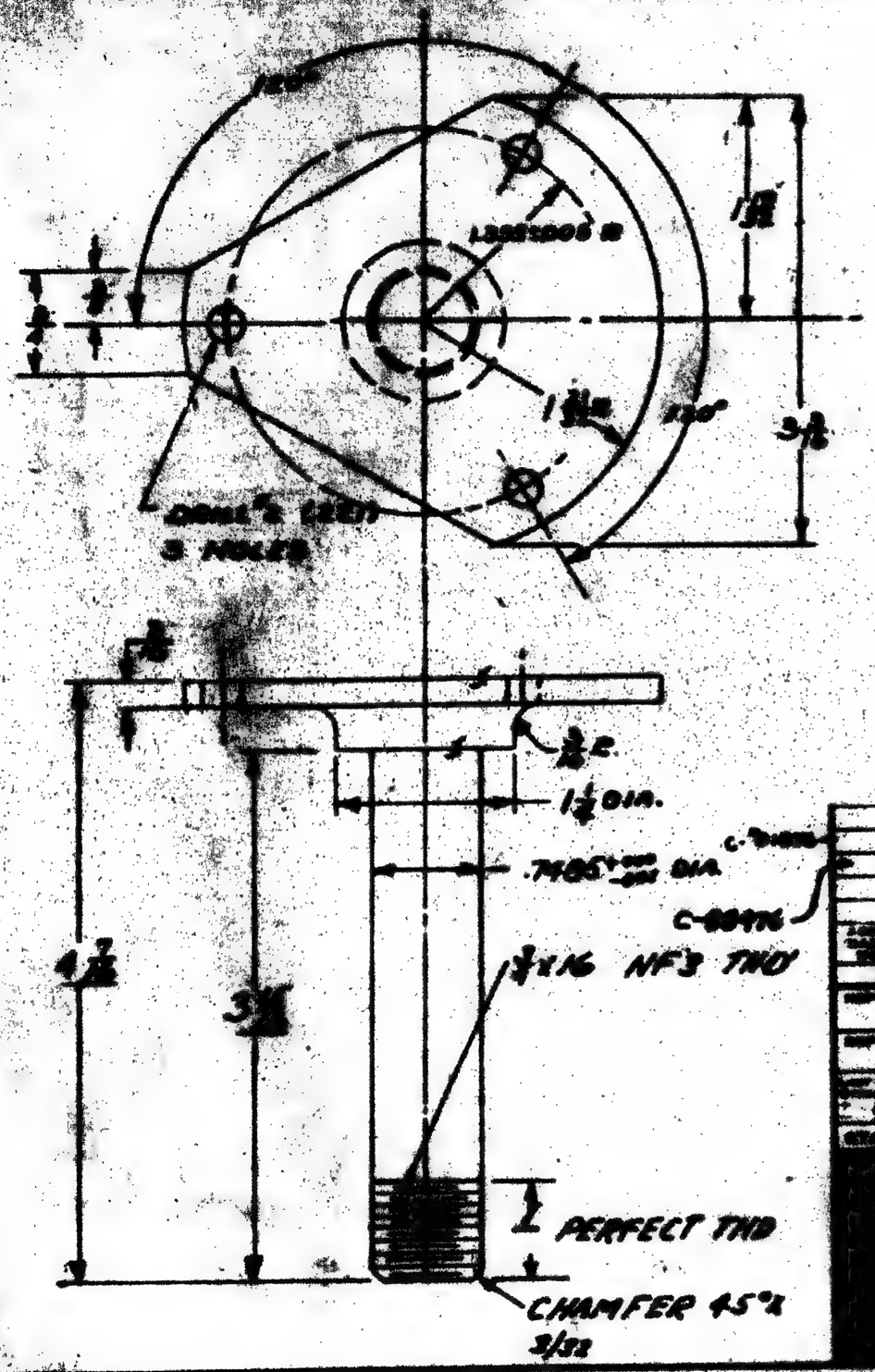
NAME HEADER HOSE - FURN - S.W. HEATING SYSTEM.

OPP HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG B 28F5636

SIZE



NOTES:

(B) 1- MATERIAL MAY BE:
(A) 195 T-4 AL. AL. CASTING, SPEC AN-QQ-A-250 CL 3, T.S. 25,000 #/in², OR
(B) 3-195T6 AL. AL. CASTING, SPEC. AN-A-5 CL 3, T.S. 30,000 #/in².

FINISH
Z- ANODIZE
P- P-27 PRIMER
AP- ALUMINIZED PRIMER

PART NO.	NOMEN. STOCK	NOMEN. MATERIAL	NOMEN. SPEC.	LH REQ.	LH DES.	LH MAT.	LH SPEC.	LH FIN.	LH STK.
	PARTS LIST PER ASSY.			-2	-3	-4	-5		

AC			
MATY NOTE B	Z-P-AP		
HEAT TREAT	FINISH	DRAFT	ENGR. STRUCT. MAT. APPROV.

SCALE 1 1/2 FULL	16"=1'0"	DRAWN	ICN

NAME BASE - FURN - O-2 COMPASS MOUNTING

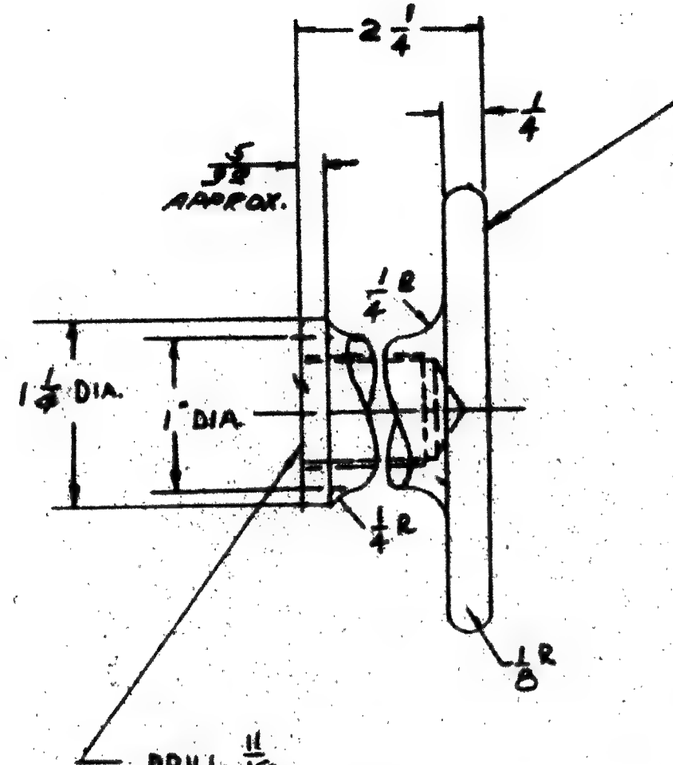
CONSOLIDATED AIRCRAFT CORP.

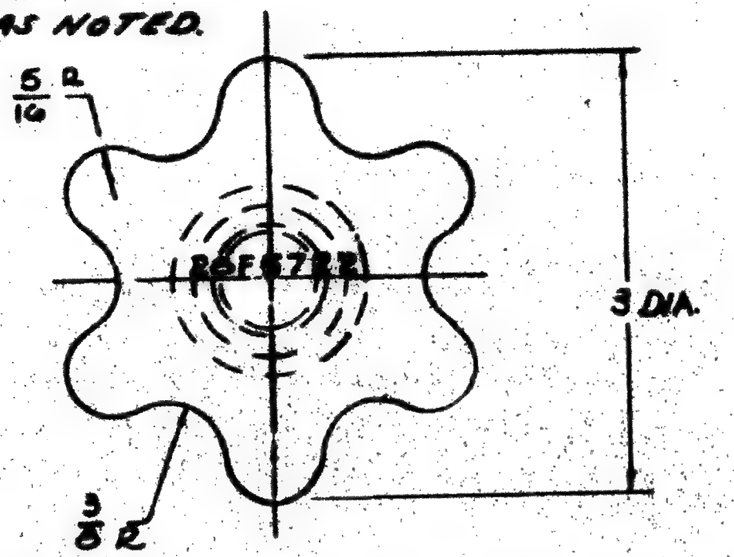
OFF. HAND

SIZE B

28F5721

COF 5721





FINISH
Z-ANODIZE
PYF37 PRIMER
AP-ALUMINIZED PRIMER

C-88476 →

	PAY-5B	28A5721	5
	PAY-3A	28A5720	2
	28A5719	28A5719	1
ASSY DASH NO.	MODEL	NEXT ASSY.	QUAN.

REQUIREMENTS PER AIRPLANE

REPLACES — Ass'y. Qty. 26

REPLACED BY — Ass'y. Qty.

Scale on Engineering Drawings: 1/32 — SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

-3 MAKE FROM 28F1056

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0	-2	-3	-4	-5	-6

AC			DRAFT	APP					
NAVY NONE	Z-P-AP		CHECK						
HEAT TREAT	FINISH			STRUCT.	MAT.	PROCESS	INSP.		

NAME NUT - FURNS - O-2 COMPASS BASE-LOCKING

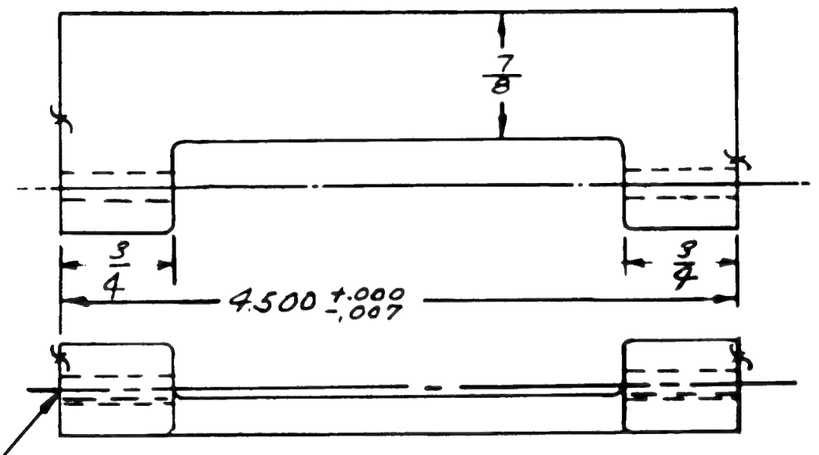
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

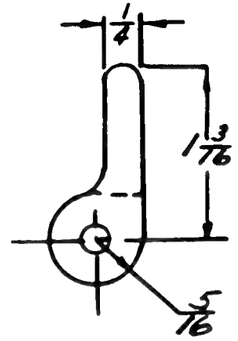
SIZE B — 28F5722

R

LET	ALTERATION	DATE	BY
A	IN B/M REPLACED "AL. AL. 46A1-CL4½ "28,000 W/O-" WITH "NOTED". TO FACE,		b
	ADDED MATERIAL NOTE. NO WT. CHG.	8-23-45	HODIK



LINE REAM .187 +.0015 -.000



(A) MATERIAL MAY BE:
1.- AL. ALLOY 185T4, SPEC. AN-QQ-A-390 CL.I, T.S. 28,000 P.S.I. OR
2.- AL. ALLOY 5185TG, SPEC. AN-A-5 CL.II, T.S. 32,000 P.S.I.

FINISH
Z-ANODIZE
P-P-27 PRIMER
AP-ALUMINIZED PRIMER

ASSY DASH NO	MODEL	NEXT ASSY	REQ
	28-5AMC	28F5718	2
	28-5MC	28F5718	2
	28-5 MA	28F5718	2
	PBY-5	28F5718	2
	PBY-5B	28F5718	2
C-91876 / C-88476 →	PBY-5A	28F5718	2
	28-5ME	28F5718R	1
	28-5ME	28F5718L	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC WT .29

REPLACED BY — ACT WT

LIMIT ON DIGGS AND UNLESS OTHERWISE STATED — SCALE 1/32 — 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	CASTING	NOTED	NOTED	-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC			JCN						
NAVY NOTED	Z-P-AP	6-24-40	CHECK	STRUCT	MAT	APPROV	ENG		
HEAT TREAT	FINISH	DR'T							

NAME HINGE - FURN.-
O-2 COMPASS SUPPORT - BLKH'D.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

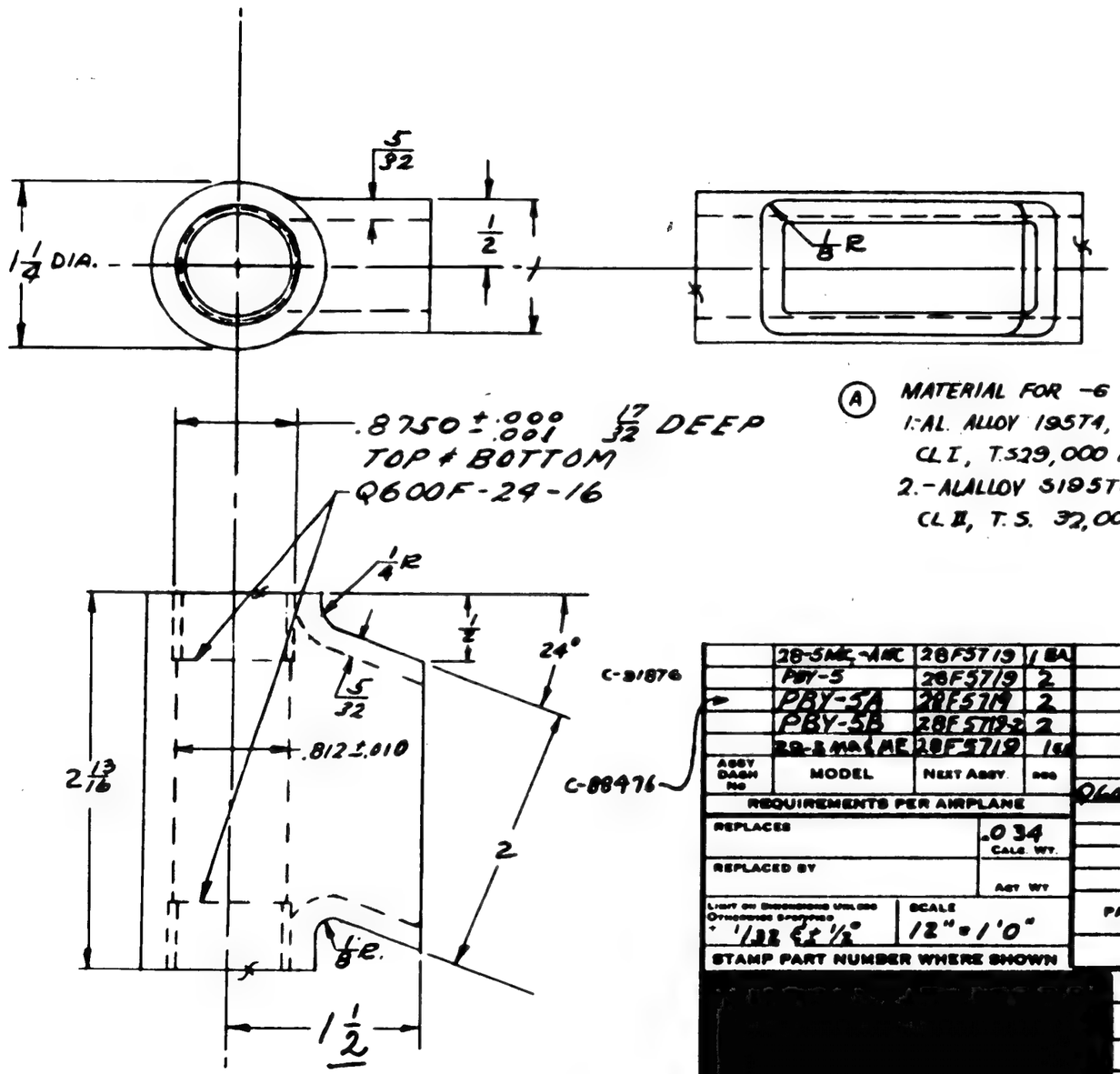
OPP. HAND

DWG. B SIZE 28F5724

28F5724

R

LET	ALTERATION	DATE	BY
A	IN B/M, REPLACED "AL.AL. 46A1CL4" & "23,000 PSI" WITH "NOTED." TO FACE, ADDED MATERIAL NOTE. NO WT CHG	8-23-43	HOOK



(A) MATERIAL FOR -6 MAY BE:
1.-AL. ALLOY 195T4, SPEC. AN-QQ-A-390 CL I, T.S. 29,000 P.S.I., OR
2.-ALALLOY 319ST6, SPEC. AN-A-5 CL II, T.S. 32,000 P.S.I.

FINISH
Z-ANODIZE
P-P-27 PRIMER
AP-ALUMINIZED PRIMER

ASSY DASH NO	MODEL	NEXT ASSY	QTY
	28-5ME, -6ME	28F5719	1 EA
	PBY-5	28F5719	2
←	PBY-5A	28F5719	2
	PBY-5B	28F5719-2	2
	28-5 MA & ME	28F5719	1 EA

REQUIREMENTS PER AIRPLANE

REPLACES	.034 CALC. WT.
REPLACED BY	ACT. WT.
LIGHT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 .X ± 1/2°	SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
Q600F-24-16								2					
-6	CASTING	NOTED	NOTED	1									

PARTS LIST PER ASSY.

AC			CHANGE				
NAVY NOTED	Z-P-AP	7-12-40	CHECK	STRUCT.	MAT	APPROV.	ENG.
HEAT TREAT	FINISH	DRAFT					

NAME FITTING - FURN - 0-2 COMPASS BRACKET SUPPORT - END

OPP. HAND

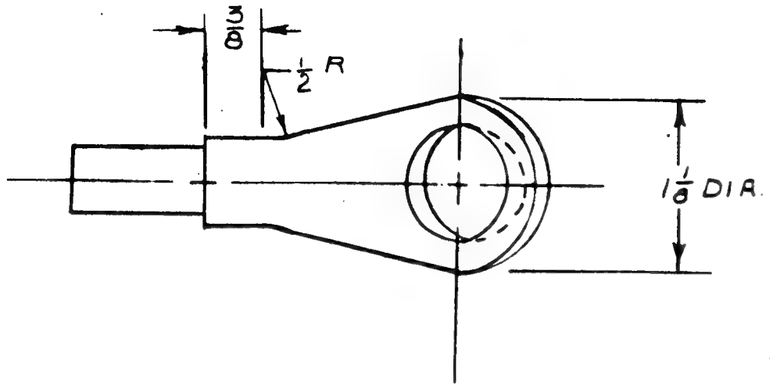
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

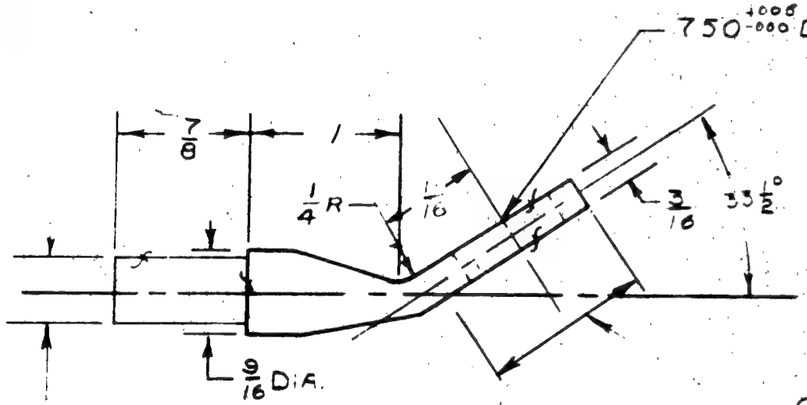
DWG. B SIZE 28F5725

28F5725

LET	ALTERATION	DATE	BY
C	TRACED NO WT. CHG.	10-6-43	BERG

28F5727





C№ 88476
C№ 51876

	PBY-5B	28F5719	2
	PBY-5A	28F5719	2
	PBY-5	28F5719	2
	28SAMC-ME	28F5719	1EA
	28SMA-MC	28F5719	1EA

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES 28F5727 1-27-40 05 CALC. WT.

REPLACED BY ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/64 ± 1/2° | SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-0	NOTED	NOTED	NOTED										

PARTS LIST PER ASSY.

MATERIAL MAY BE:
1-AL. ALLOY CASTING 195T4, SPEC.
AN-CO-A-390 CL I, T.S. 29,000 P.S.I.; OR
2-AL. ALLOY CASTING 195T6, SPEC
AN-A-5 CL II T.S. 32,000 P.S.I.

FINISH CODE	
Z	ANODIC TREATMENT
P	P-37 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

AC			APPLEGATE	J.C.H				J.W.H.
NAVY NOTED	Z-P-GP	1-27-40	CN	GREEN				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME TUBE END-FURNS--0-2 COMPASS SUPPORT BRACE

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

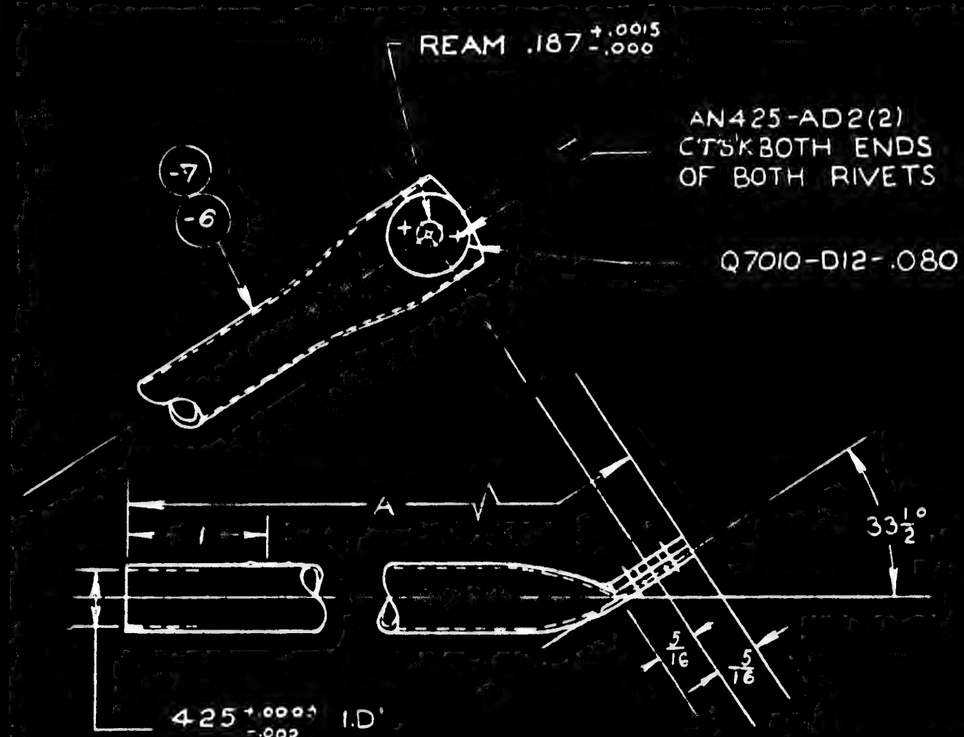
DWG. B SIZE

28F5727

R

LET	ALTERATION	ATE	BY
H	TRACED NO WT CHG.	NOV 1 43	RICKS

28F5728



C.88476
C.91876

-2	PBY-5A	28F5719	2
-2	PBY-5B	28F5719-2	2
-2	PBY-5	28F5719	2
-0	28-5AMC		1
-0	28-5MA		1
-0	28-5MC		1
-0	28-5ME	28F5719	1

ASSY DASH NO	MODEL	NEXT ASSY.	REQ

REQUIREMENTS PER AIRPLANE

REPLACES 28F5728 6-27-40 .12 CALC WT.

REPLACED BY ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 1/2° | SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

NOTE:
ANNEAL & HT.-98-10026(T)
AFTER FORMING

DASH NO.	LENGTH A
-6	19½
-7	19

FINISH CD

PART NO	STOCK	MATERIAL	SPEC.	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
	Q7010-D12-.080												
	AN425-AD2												
-7	½OD x .035 x 19 1/8	AL. ALTUBE	44T28A(T)			1							
-6	½OD x .035 x 19 5/8	AL. ALTUBE	44T28A(T)	1									

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

A.C.		APPLE-GATE	J.C.H.			KLEIN J.W.H.
NAVY NOTED	Z-P-GP	9-27-40	C.W.	GREEN		1/15/42
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV ENG

NAME BRACE-FURN-
0-2 COMPASS SUPPORT

OPP. HAND

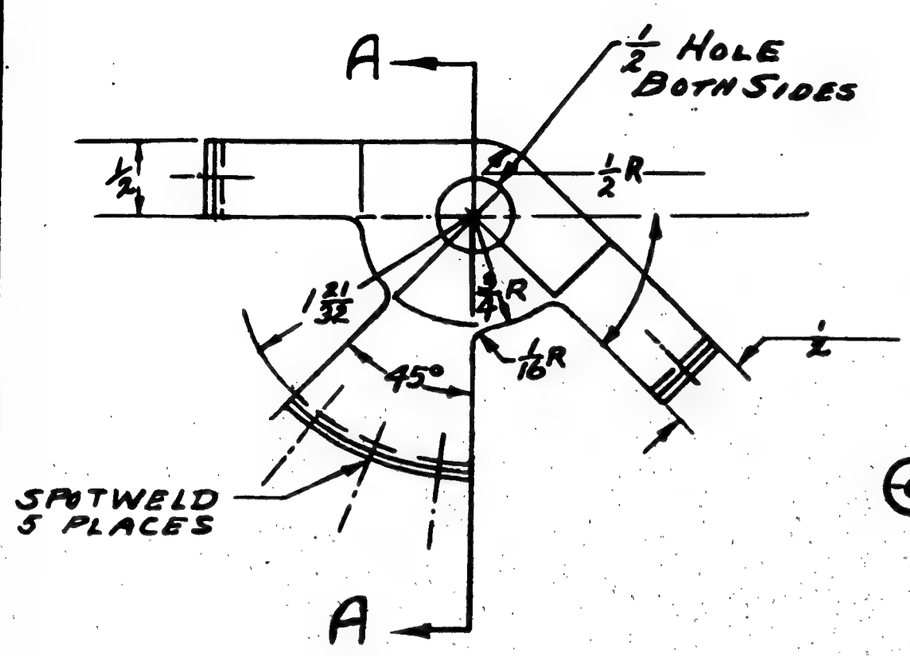
DWG. B SIZE 28F5728

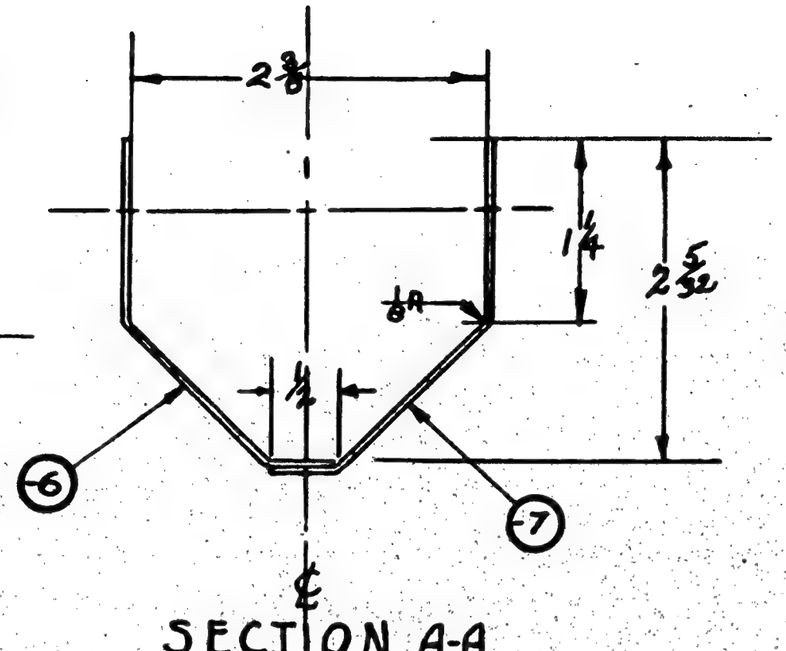
CONSOLIDATED VULTEE AIRCRAFT CORP. SAN DIEGO DIVISION . . SAN DIEGO, CALIF.

R

LET	ALTERATION	DATE	BY
A	REDESIGNED PART - WAS ONE PIECE WITHOUT CUTOUTS	9 MAR 40	ALLEN

28-SME ALL





SECTION A-A

ALL BEND RADII 1/8" ϕ NOTED

FINISH
ANODIC TREATMENT
P-27 PRIMER

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28F5657	2
	28-5ME	28F5657	1
	28-5MB	28F5657	1

REQUIREMENTS PER AIRPLANE

REPLACES — Calc. Wt. .05

REPLACED BY — Act. Wt.

Limit on Dimensions Unless Otherwise Specified ± 1/32 — SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-7	.032 X 6 X 10	AL. AL. SHT	47A16, Cond. A	1									
-6	.032 X 6 X 10	AL. ALLOY SHT	47A16-Cond-A			1							

AC ——		E.V. NELSON	
NAVY SR-53 CONDIT	Z-P	9/9/40	STRUCK 8/3/40
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / MAT. / APPROV / ENG.

NAME BRACKET-FURNS-SHOULDER STRAP-PULLEY

OPP. HAND

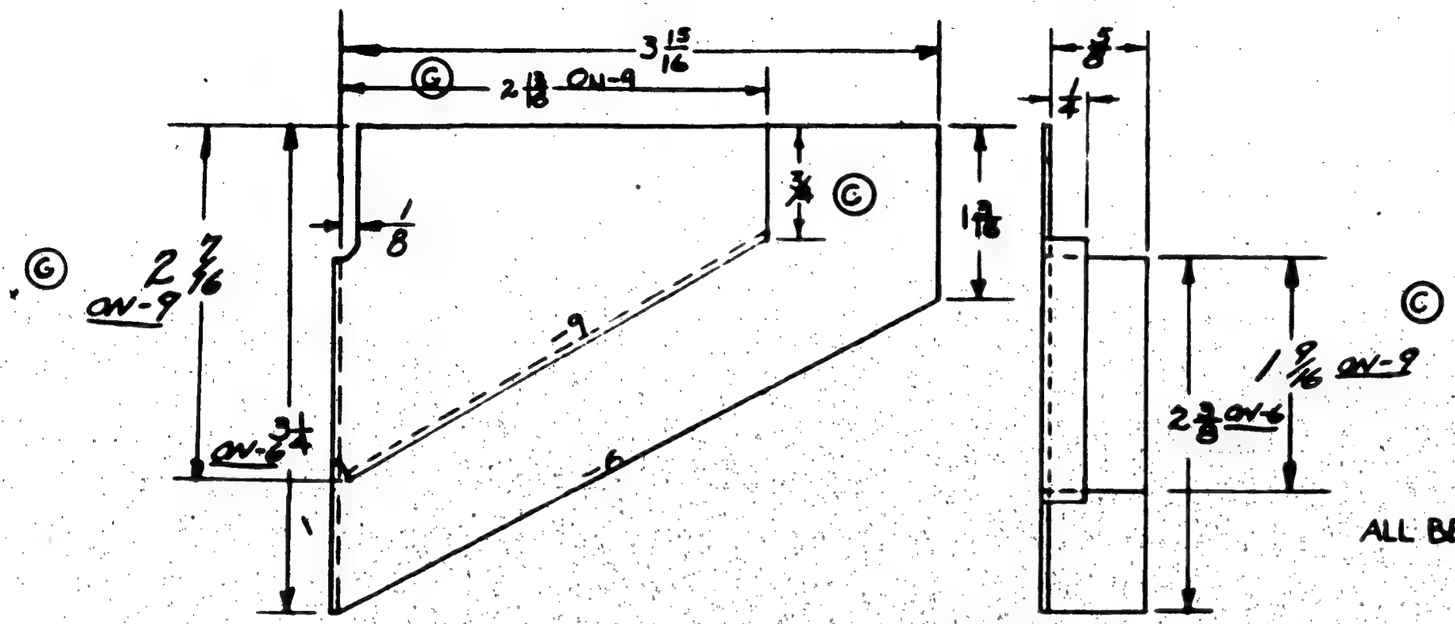
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — 28F5742

R

E.O. A5053

LET	ALTERATION	DATE	BY
A.	ADDED IN REQD PER AIRPLANE [illegible]	5-21-41	HCR.S
	PBY-5, 28F5800-3 & -4, 28-5MA & 5MC		
	MA 28F5800-3, 2 REQ. EA.		
	ON 28-5MA, NOTCH, FOR LAST 36		
	AIRPLANES. IN B/M -6, 1 REQ.		
	WAS -6, -2 REQ.		
B.	ADDED -7 TO [illegible]	[illegible]	[illegible]
	DIM & & 7/16 DIM. TO DWG.		
	REPLACED ONE -6 WITH A		
	-7 ON PBY-5 MA 28F5800	4/3/41	
E.O. A4677 PBY-5 C.	REMOVED -7 ASS'Y & ADDED -9		
	ASS'Y IN DWG. & B/M.	7-2-41	Brooks



ALL BEND RADII 3/32

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

-6	PBY-5B	28F5800	2
-6	28-5MA	28F5800	2
-6	28-5MC	28F5800	2
-6	PBY-5	28F5800	3
-9	PBY-5	28F5800	1
-6	28-5ME	28F5800	2
ASSY. DASH NO.	MODEL	NEXT ASSY.	QTY.

For last 36 Planes

Ships #118 - #16 Xings

REQUIREMENTS PER AIRPLANE

REPLACES — .022 Calc. Wt.

REPLACED BY — Act. Wt.

Limit on Undimensioned Unless Otherwise Specified ± 1/32

SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
PARTS LIST PER ASSY.													
[illegible]	[illegible]	ALCLAD	[illegible]										
[illegible]	[illegible]	ALCLAD	47A9 condT	1									

AC		CLAYTON							
NAVY NONE	P-1AP	7/26/40	DRH		8/3/40				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG		

NAME BRACKET - WATER TANK - MECH'S COMPARTMENT - L. H.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

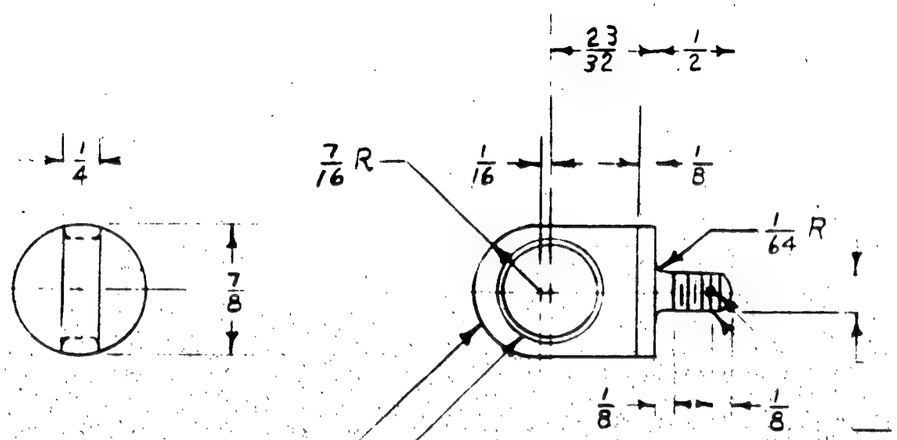
OPP. HAND

SIZE B

28F5803

LET	ALTERATION	DATE	BY
E	TRACED - NO WT. CHG.	10-15-43	DOLAN

28F5852



— DRILL # 48 (.076) HOLE

— 1/4 -28 NF 3 TH'D AFTER PLATING

— REAM TO 5/8 I.D. +9/32 CHAMFER 45° X 1/32

— THIS END IDENTICAL TO AN47 EXCEPT AS NOTED

MATERIAL NOTE:-
1-MAT'L FOR -2 MAY BE-
(A.) STAINLESS STEEL ROD SPEC. AN-QQ-S-771, COMP. FM COND. B
OR (B.) STAINLESS STEEL ROD SPEC. AN-QQ-S-771, COMP. G, COND. A.

C# 70496 "38 TO 167 & C 91876

70496, 77713 & 88476 ONLY

ALL BUT C.O. 94614

-0	PBY-5B	28B1307	2	
-0	PBY-5	28F5035	4	
-0	PBY-5	28B1307	2	
-2	PBY-5	28B4125	4	
-2	PBY-5	28H1012	3	
-0	PBY-5A-5B	28F5859	4	EA
-0	PBY-5A	28B1307	2	
-2	PBY-5A-5B	28B4125	4	EA
-2	PBY-5A-5B	28H1012	3	EA
	PB2Y3	29B3235	1	
	PB2Y3	29B3794	1	
	PS2Y3	29B3793	1	
	PB2Y3	29F6227	1	
	XPB2Y3 PB2Y3	29F4796	2	EA
	XPB2Y3 PB2Y3	29B3106	6	EA
	PB2Y2	29F1339	1	
	PB2Y2	29F1258	1	
-2	28SMC, MN & AMC	28F6087	4	EA
-2	ALL 28-5'S	28H1012	3	EA
-2	28-5MA & ME	28B4125	4	EA

ASSY DASH NOS.	MODEL	NEXT ASSY	REQ

-0	28-5AMN	28F6005	4
-0	ALL 28 5'S	28B1307	2 EA
-0	28-5MC & AMC	28F5859	4 EA
-0	28-5MA & ME	28F5859	4 EA
-0	28-5MN	28F5035	4

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ

REQUIREMENTS PER AIRPLANE

REPLACES 28F5852 9-1840 .02 CALC WT.

REPLACED BY ACT. WT

UNIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12" = 1' 0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
										-3		-4	-5
-2	7/8 DIA X 17/8	NOTED	NOTED										
-0	7/8 DIA. X 17/8	CM. STL	AN-QQ-S-684										

PARTS LIST PER ASSY.

AC		9 18 40					10-7 40	
90,000 TO 125,000 NAVY D.S.I FOR -0	C1(-0)	E SAVILLE	PRH	GREEN	C.D	JBZ	R	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

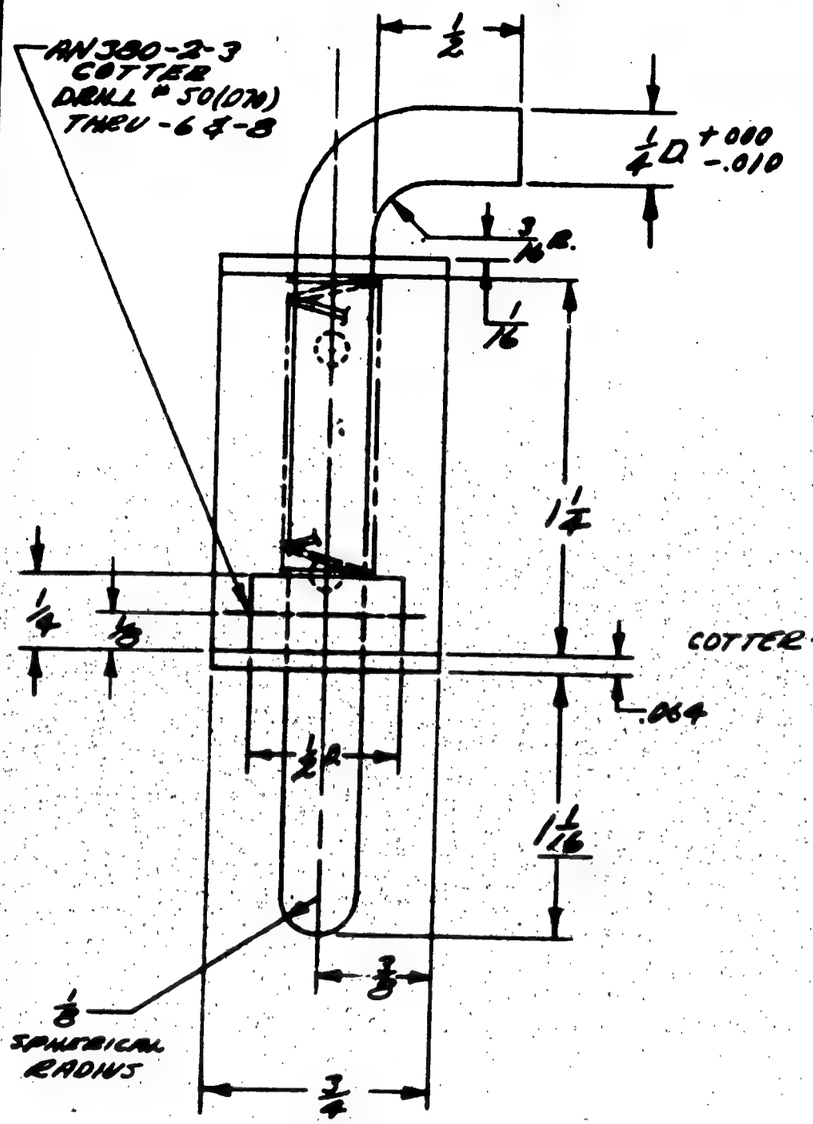
NAME EYE BOLT - FURN'S BUNKS

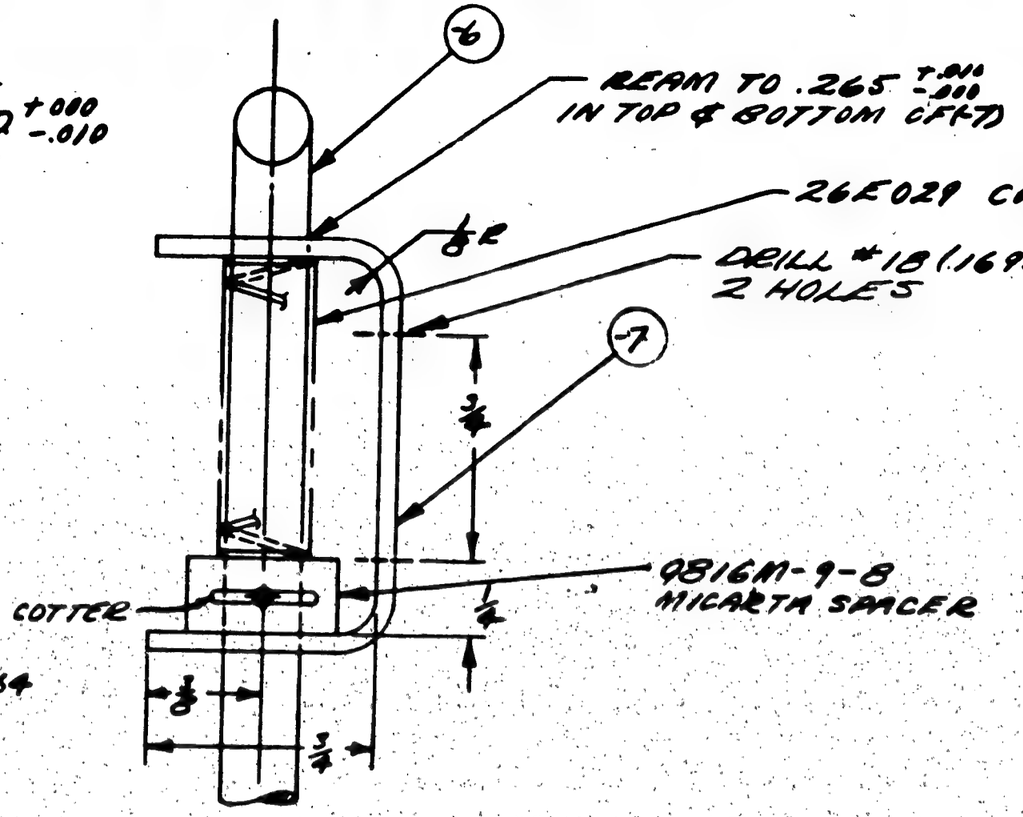
OPP. HAND —

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F5852

LET	ALTERATION	DATE	BY





FINISH CODE

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. DASH NO.	MODEL	NEXT ASSY.	QTY.
	28F5916	28F5917	2
	28F5916	28F5917	2

REQUIREMENTS PER AIRPLANE

REPLACES — QTY.

REPLACED BY — ASY. QTY.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32

SCALE 2" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH RH REQ. -0	LH RH REQ. -2	LH RH REQ. -3	LH RH REQ. -4	LH RH REQ. -5
9816M-9-8								
AN380-2-3	COTTER			1				
26E029	SPRING					1		
-7	.064 THK X 3 DIA X 4	ALCLAD	2024 CT			1		
-6	1/4 DIA X 4	AL. ALLOY	4S A9 C-A			1		

PARTS LIST PER ASSY.

AC		10-1940						
NAVY -6 SAE 3 C-T	-6, -7 ZP-AP	DETAILED	RRL	[illegible]	11/4/40	[illegible]	[illegible]	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME LATCH-FURN'S.-WATER TANK STONAGE

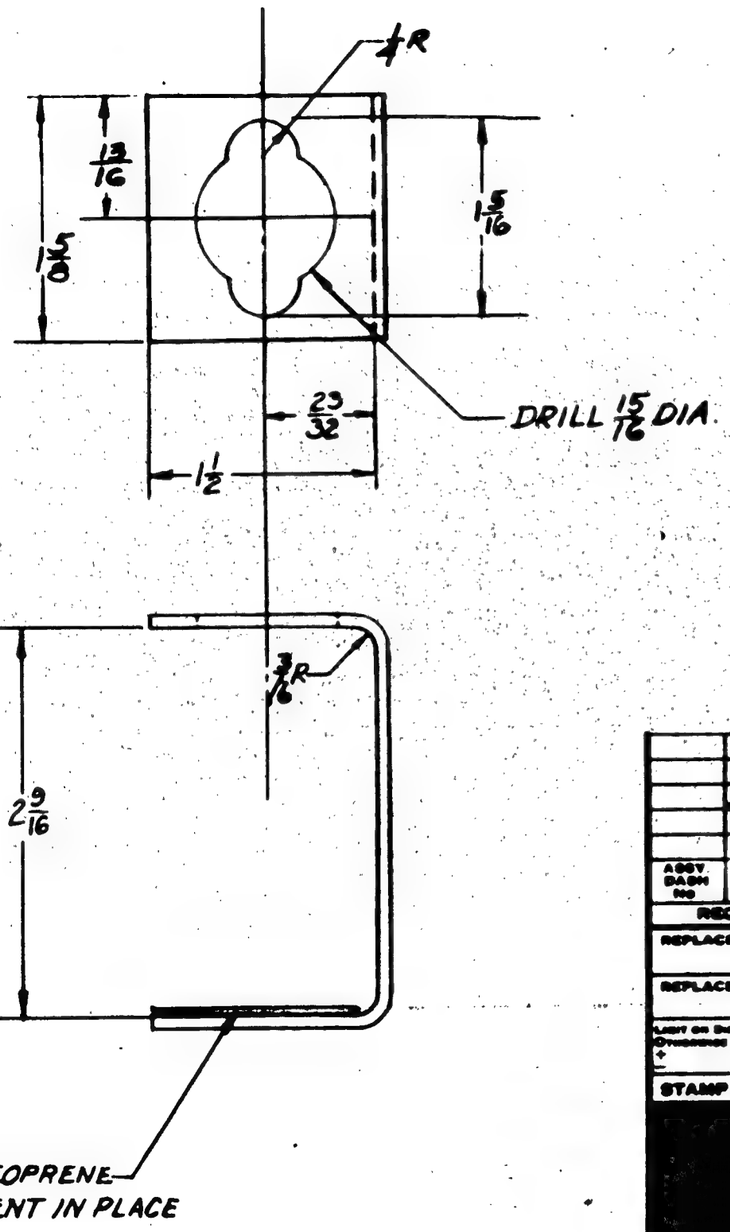
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

DWG. SIZE B

28F5917

LET	ALTERATION	DATE	BY



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY DASH NO	MODEL	NEXT ASSY.	REQ
	28-5 AMC	28F5963	1
	OA-10	28F5963	1
	PBY-5A	28F5963	1

REQUIREMENTS PER AIRPLANE

REPLACES .06 CALC. WT.

REPLACED BY ACT. WT.

LIMIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0	-2	-3	-4	-5	
-7	1/16 x 1 3/8 x 1 3/8	NEOPRENE	N-11	1					
-6	.091 x 1 3/4 x 5 3/4	AL. ALL.	SHT 47A10 T		1				

AC 1		VAN Kirk			JFR		
NAVY NONE	ZP-2AP	1/27/41			FRF		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV.	ENG.

NAME SOCKET-FURNS. ENGINE CRANK STOWAGE

OPP. HAND

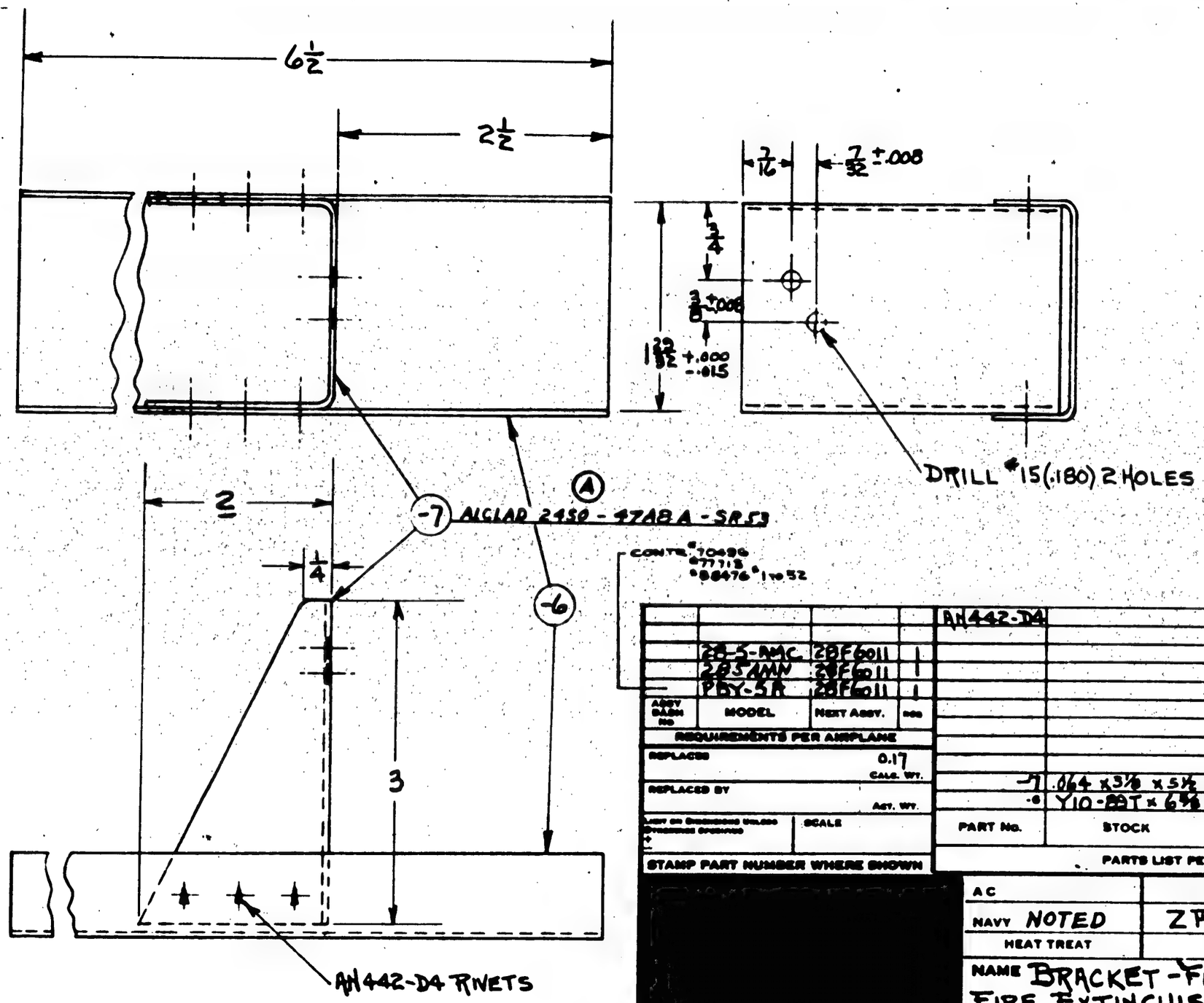
DWG. B SIZE

28F5964

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

R

LET	ALTERATION	DATE	BY
A	CH'GD -7 FROM ALCLAD 24ST TO ALCLAD 2450 AM. WT. CHG.	3-24-43	[illegible]



ALL BEND RADII - ⅛

G.F-GREEN PRIME

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIME
C	CADMIUM PLATE

ASSY DASH NO	MODEL	NEXT ASSY.	NOS
	28-5-RMC	28F6011	1
	28-5AMN	28F6011	1
	PBY-5R	28F6011	1

REQUIREMENTS PER AIRPLANE

REPLACES — Calc. Wt. 0.17

REPLACED BY — Act. Wt.

SCALE

STAMP PART NUMBER WHERE SHOWN

AN442-D4

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-7	.064 x 3⅛ x 5½	2450 ALCLAD	4748-A	1									
-6	Y10-8BT x 6⅝					1							

AC		Hartwick		Novak			
NAVY NOTED	ZP 2 [illegible] F.	12-23-42					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG

NAME BRACKET-FURNS-ENGINE FIRE EXTINGUISHER-TULLEY

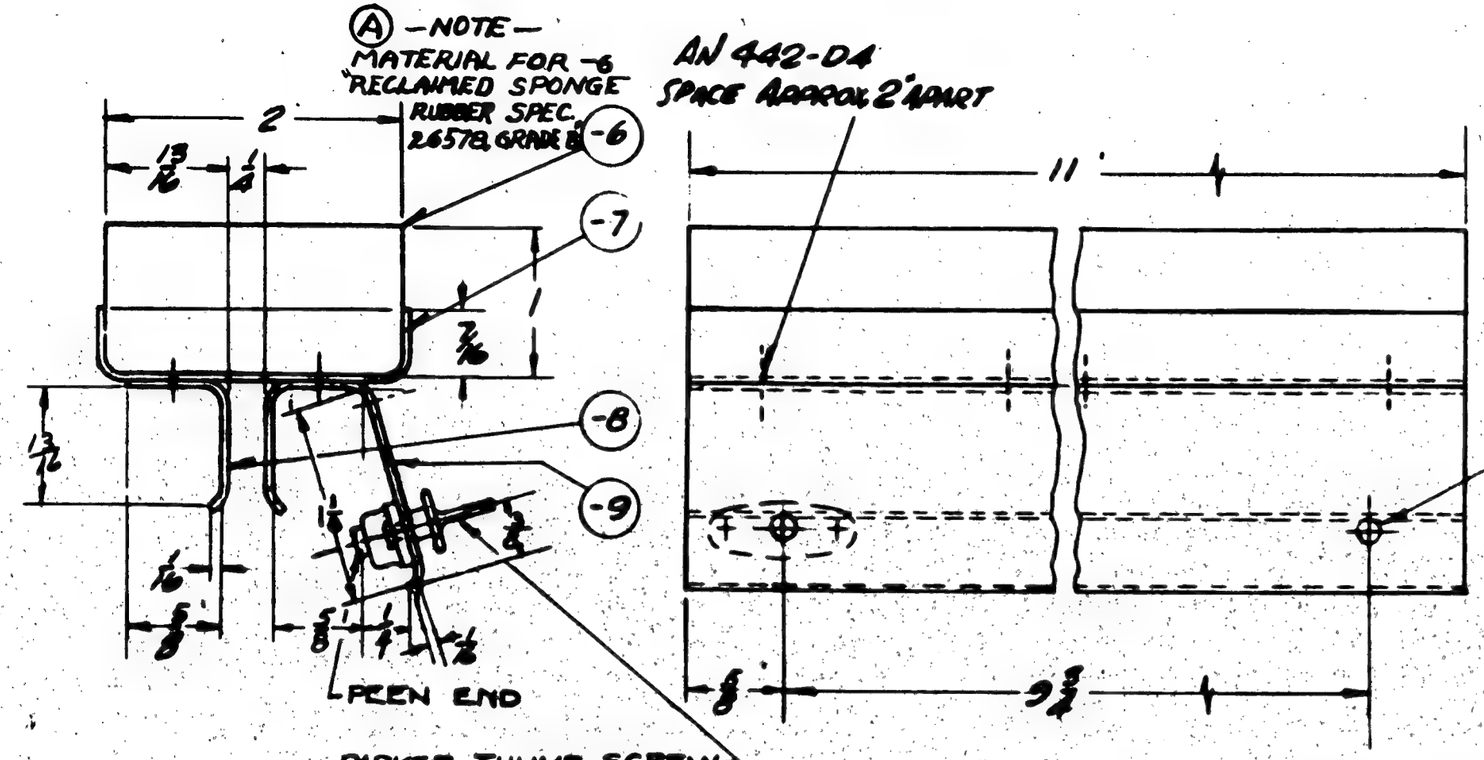
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

DWG. B SIZE R

28F6012

LET	ALTERATION	DATE	BY
A	ADDED NOTE "MATERIAL - - - - GRADE B." IN SYM NOTED -6 MATL WAS "SPONGE RUBBER WT. CHG. NEG.		



ALL BEND RADII 1/8

3 AIRPLANES SERIAL NOS 2486
2487
2488

CONTRACT ORDER 70496
CHANGE NO Q-1

ASSY. SASH NO	MODEL	NEXT ASSY.	REQ
	P6Y-3A	REFLOOR 1	

REQUIREMENTS PER AIRPLANE

REPLACES .75 CALC WT

REPLACED BY ACT WT

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
AN 442-04	PARKER THUMB SCREW 10-32 x 1/2 TYPE "S"			2									
AC 366-1032				2									
AN 425-D3				4									
-9	.040 x 3 1/2 x 11 1/8	ALCLAD	47A2 -T	1									
-8	.040 x 1 5/8 x 11 1/8	ALCLAD	47A2 -T	1									
-7	.040 x 3 x 11 1/8	ALCLAD	47A2 -T	1									
-6	1 1/4 x 2 1/4 x 11 1/8	NOTED	NOTED	1									

* - PARTS LIST PER ASSY.

SAC			REST						
NAVY NONE	-7, -8, -9; Z-P-2AD	8-6-44							
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG		

NAME REST - ARM'T - OBLIQUE CAMERA

OPP. HAND

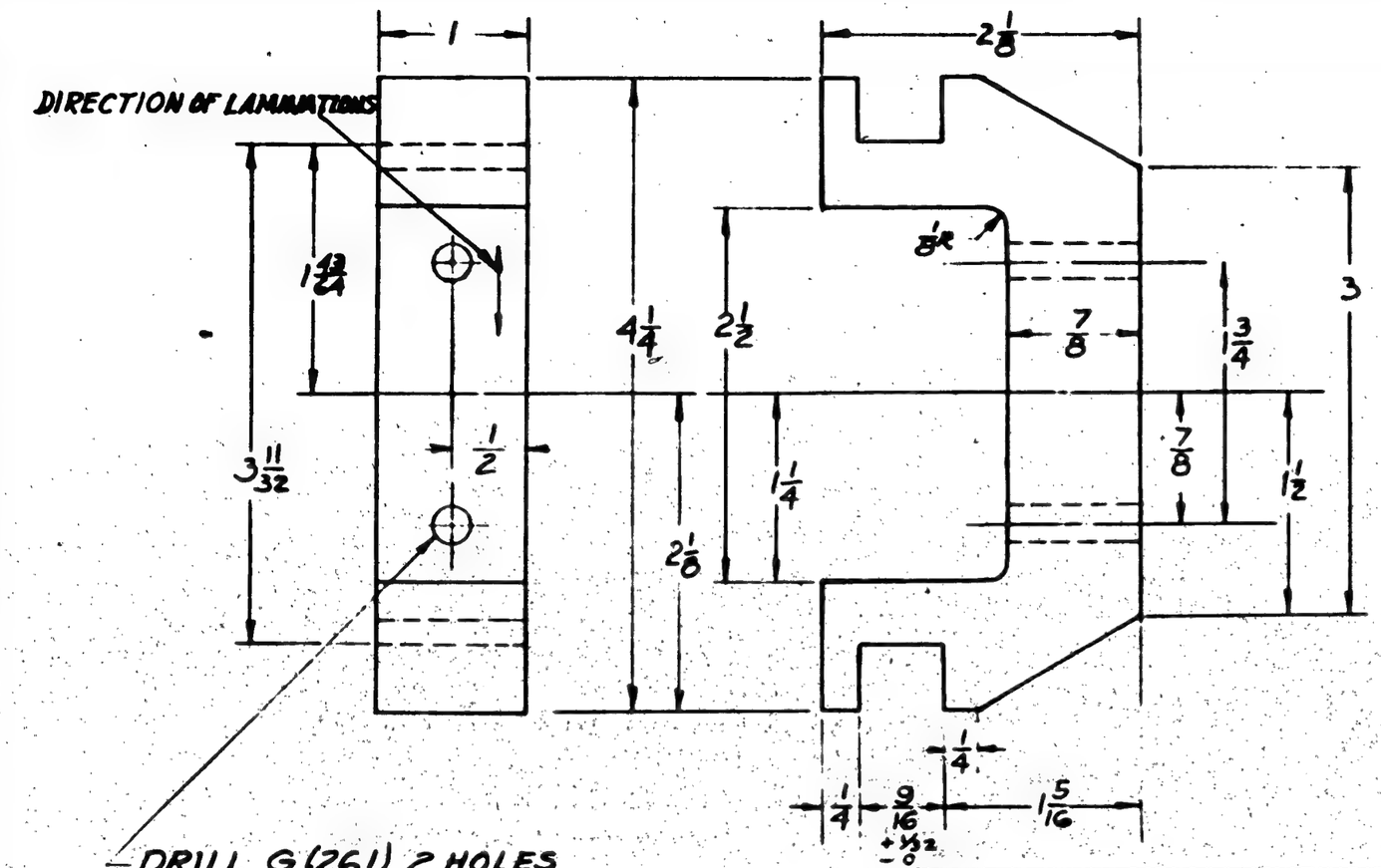
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE

28F6025

R

LET	ALTERATION	DATE	BY



BREAK ALL CORNERS

PURCHASE TO DWG.

ASSY. DASH NO	MODEL	NEXT ASSY.	QTY
	03-5-AMC	28F5220	1
	OA-10	28F5220	1
	PBY-5A	28F5220	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT .25

REPLACED BY — ACT. WT

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4	

1" X 2 1/2 X 9 1/2 PHENOLIC 71404 II

AC NONE		DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.
NAVY		1/29/41	J. B.		BMA KERR		
HEAT TREAT	FINISH						

NAME BRACKET-FURNS. N.L.G. LOWERING LEVER

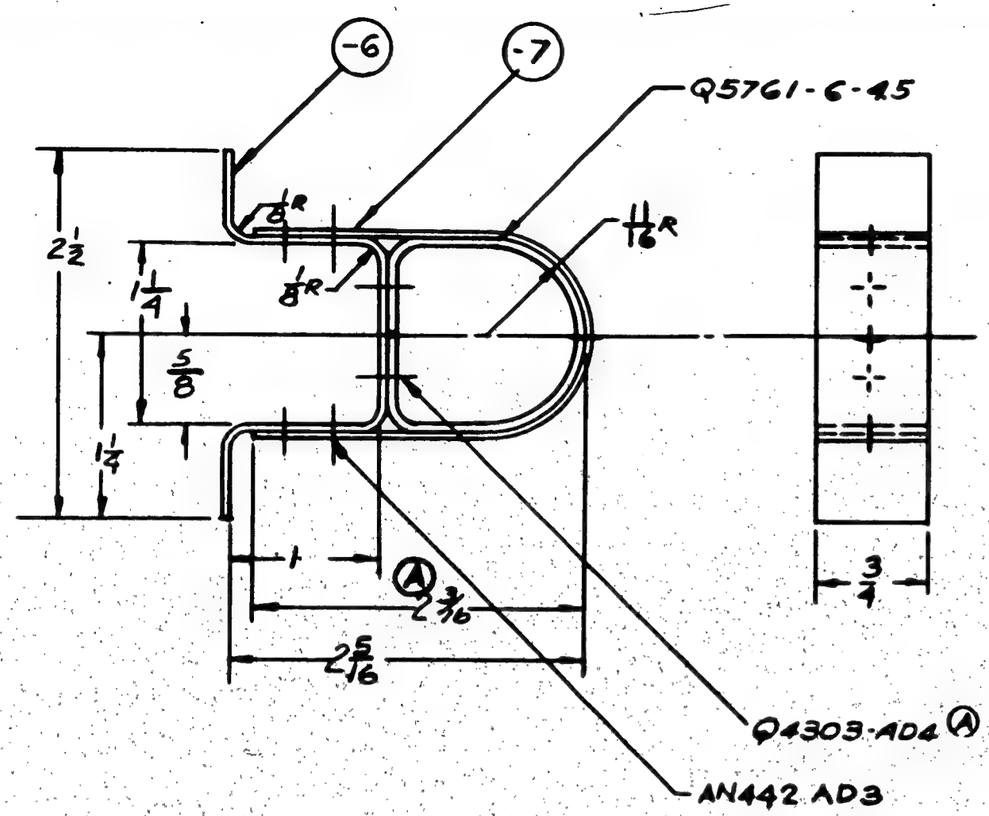
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

DWG. B SIZE 28F6026

R

LET	ALTERATION	DATE	BY
A	ON DWG & SYM Q403-AD4 WAS		
	Q4305-AD3 ON DWG ONLY.		
	2 3/16 DIM WAS 1 7/8	7-11-41	[illegible]



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CHROMIUM PLATE

	EQS-AMC	28F5228	1
	OA-10	28F5228	1
	FBY 5A	28F5229	1
ASSY. SALES NO.	MODEL	NEXT ASSY.	REQ

REQUIREMENTS PER AIRPLANE

REPLACES .04 CALC. WT.

REPLACED BY ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 | SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
Q4303-AD4													
AN442 AD3													
Q5761-6-45													
-7	.040 x 7/8 x 5 3/4	ALC SHT	11067 II	1									
-6	.040 x 7/8 x 4 1/2	ALC. SHT.	11067 II		1								
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC NONE	ZP-2AP	Tracing			EMN			
NAVY		1/2 Sht	J. C. [illegible]		(Checker) FAF			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME SOCKET-FURNS N.L.G. LOWERING LEVER

OPP. HAND

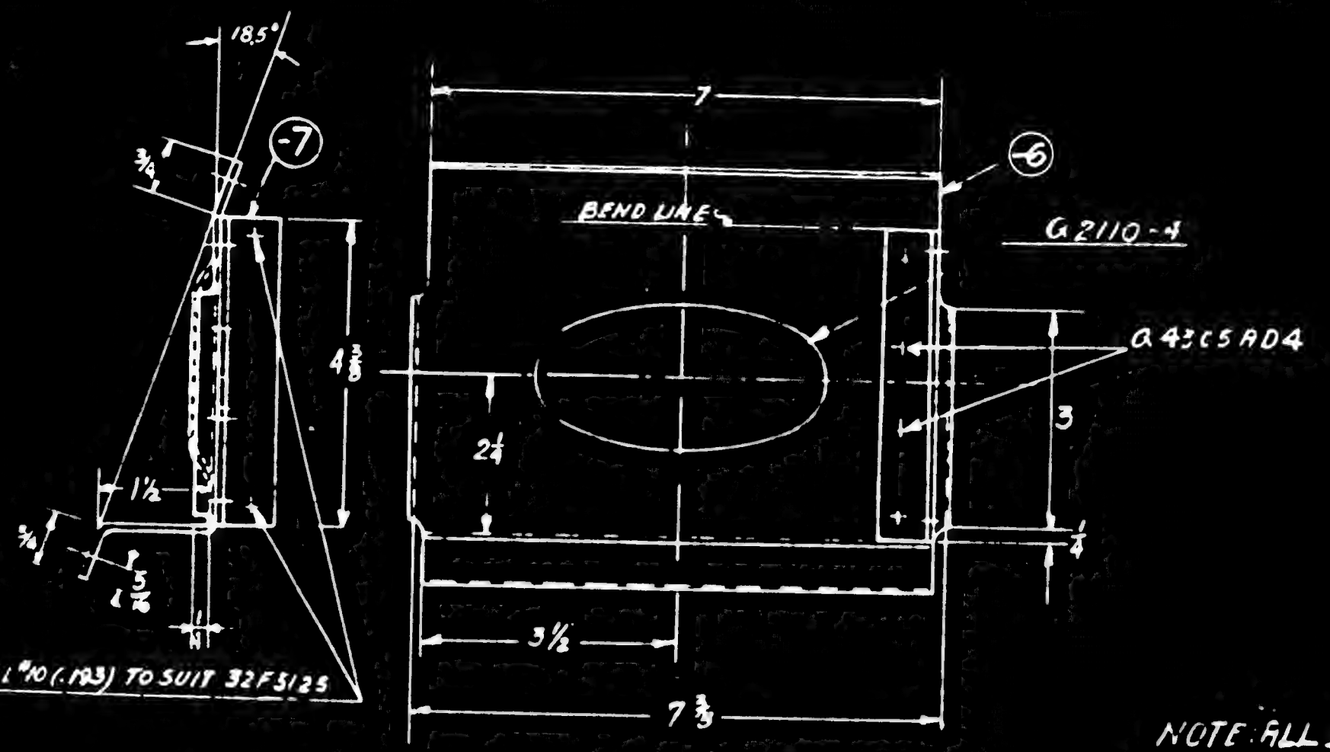
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B

28F6028

V.V. R

LET	ALTERATION	DATE	BY
A	ON B.M. FOR -7, REPLACED "AS401 X 4 1/2, 24ST 4GA9 COND T" WITH "Y-2-A27RT X 4 1/2" WT CHG. NEG.	5-3-43	Pellett



NOTE: ALL BEND & RELIEF RADII - 1/8

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

C 77496 #168 to 220
C 777134 C6E476

PBY-5A 28B5523 1 G43C5AD4
28-3 A/C 28B5523 1

ASSY DASH NO	MODEL	NEXT ASSY	QTY
REQUIREMENTS PER AIRPLANE			
REPLACES			22
REPLACED BY			ALT REQ

SCALE 6 - 1"
1/32
STAMP PART NUMBER WHERE SHOWN

-7 Y-2-A27RT x 4 1/2
.040 8K x 9 FLCLAD24S0 47AB COND R

ITEM NO	STOCK	MATERIAL	SPEC	REQ -0	REQ -2	REQ -3	REQ -4	REQ -5
PARTS LIST PER ASSY								

FINISH NOTE:
-6 = ZP-AP
-7 = Z-2P

AC
NAVY NONE
HEAT TREAT

NOTED

12-4-42 A-2
FRANKOWSKI S.CHK
CHECK

FBF

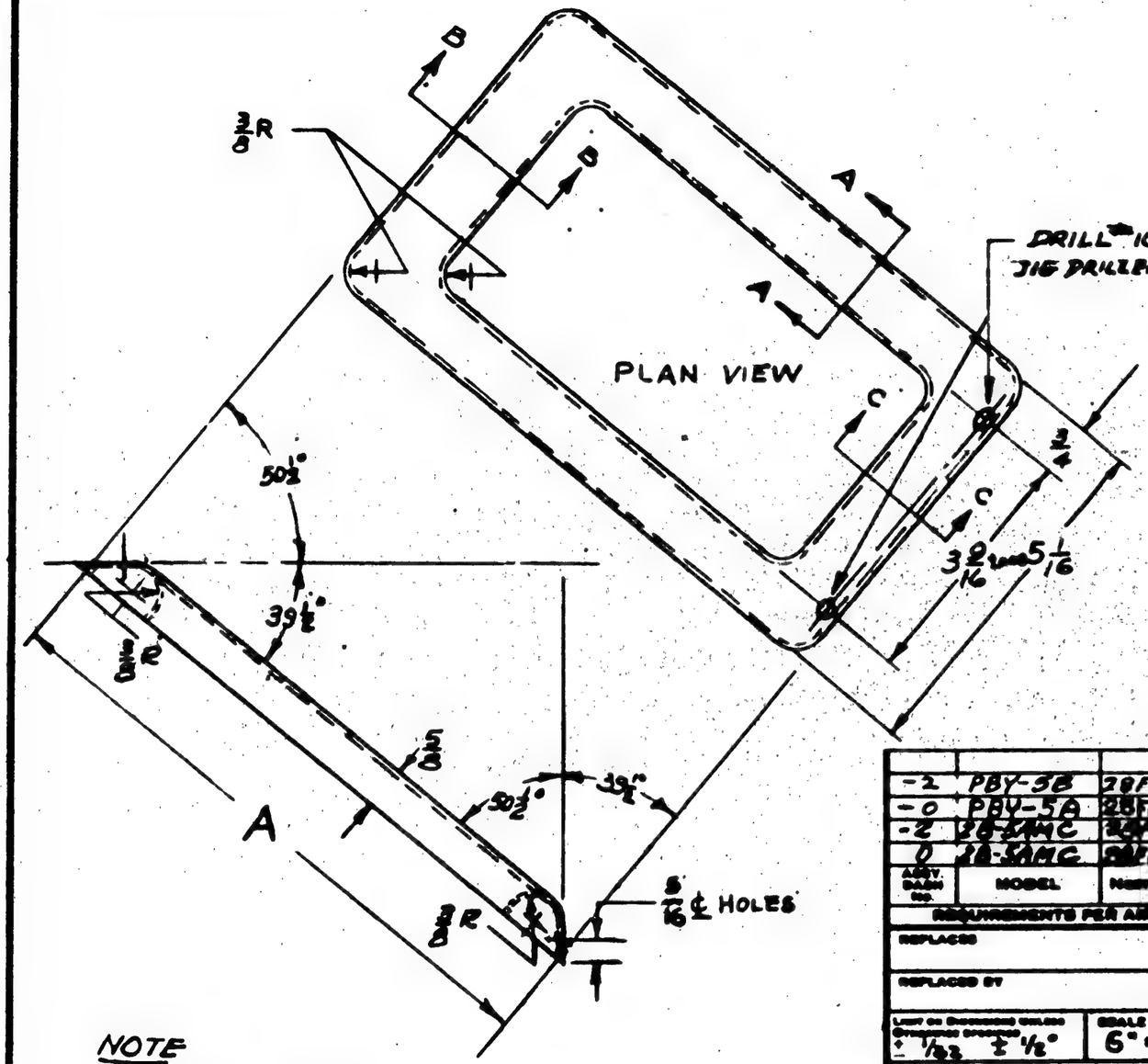
NAME BASE - FURNS. - MECH'S. HEATER S.W

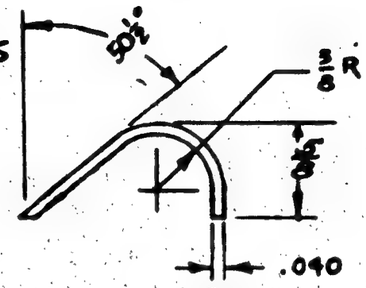
CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF

SIZE B

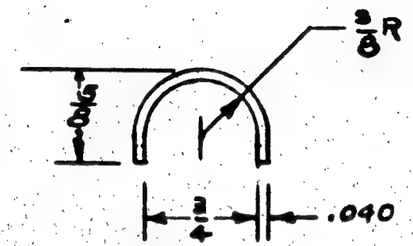
DRG NO 28F6036

LET	ALTERATION	DATE	BY





SECTION B-B
12" = 1'-0"



SECTION A-A
12" = 1'-0"

SECTION C-C
12" = 1'-0"

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN) PRIME

NOTE

ASSY NO	A DIM.
-0	8 3/8
-2	10 5/16

ASSY. DASH NO.	MODEL	NAVY ASSY.	REQ.
-2	PBY-5B	28F6039	1
-0	PBY-5A	28F6035	1
-2	28-5AMC	28F6039	1
0	28-5AMC	28F6035	1

REQUIREMENTS PER AIRPLANE

REPLACES .19 lbs. 12 ea. WT.

REPLACED BY ASY. WT.

LIMIT OF DIMENSIONS UNLESS OTHERWISE STATED: ± 1/32 ∠ 1/2°

SCALE 6" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH	RH
	.040"	ALC.	47AB-A	-0		-2		-3		-4	-5

PARTS LIST PER ASSY.

AC		HRS.						
NAVY 3R-53-T	Z-P-2 GP	2/12/41				FRC BMH		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG

NAME BRACE - FURN'S - HEATER SUPPORT S.W

OPP. HAND

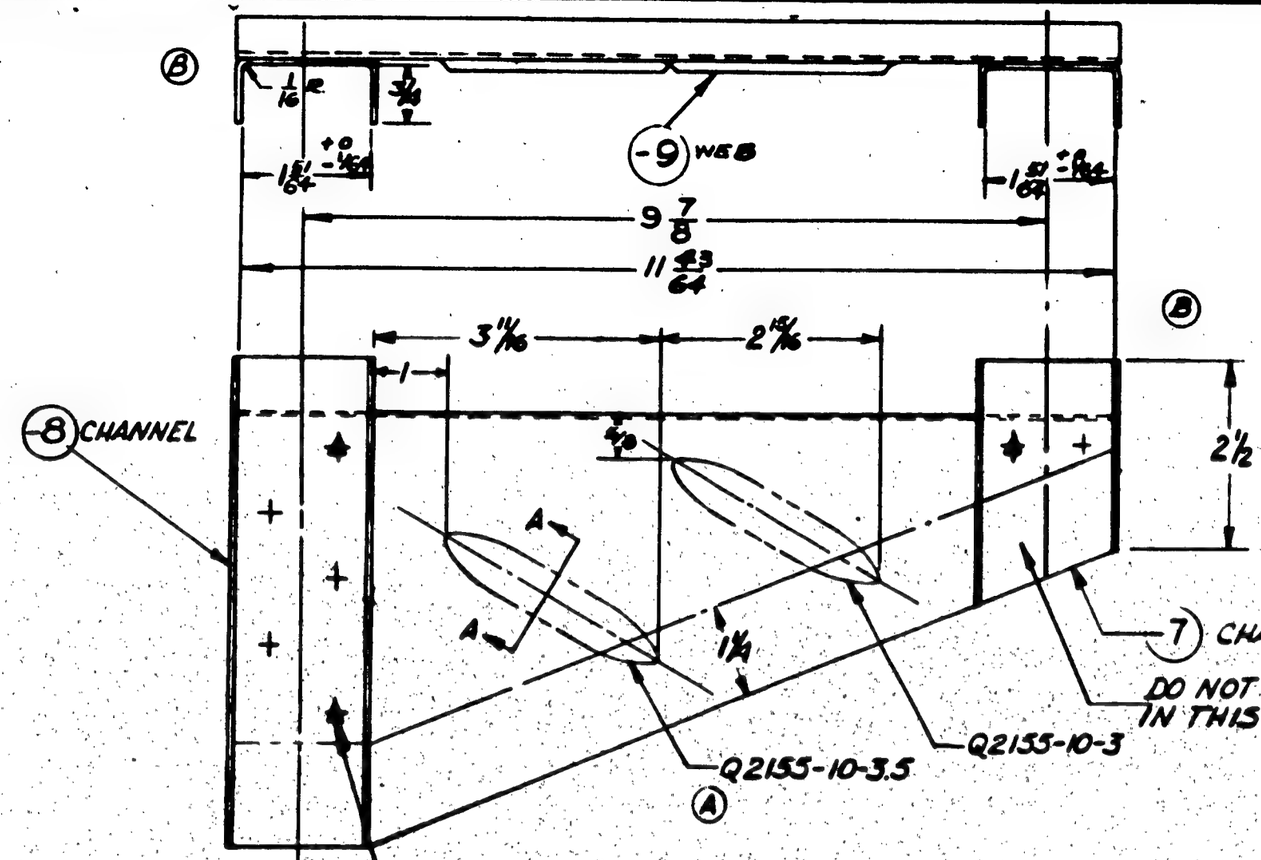
SIZE B

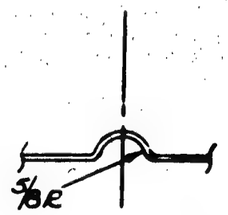
28F6037

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

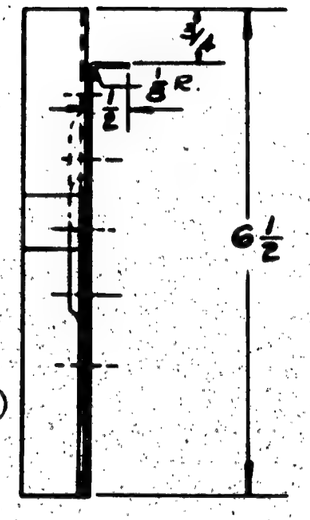
LET	ALTERATION	DATE	BY
A	CHG'D-Q2155-10-3.2 & TO		
	Q2155-10-3 ON DWG.	5/1941	[illegible]
B	CHG'D DRG TO OPP. HAND-3 &		
	ADDED SEC. A-A	6/1941	[illegible]

28-SAHC, E.O. 18399





SECTION-A A (B)



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. DASH No.	MODEL	NEXT ASSY.	REQ'D
	PBY-5A	28F6046	1
-0	28-5AHC	28F6046	1

REQUIREMENTS PER AIRPLANE

REPLACES .41 CALC. WT.

REPLACED BY ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 6"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4
AN442-D4											
-9	.051 x 6 3/8 x 11 1/8	ALCLAD	47AB-T	1							
-8	.051 x 3 1/2 x 6 5/8	ALCLAD	47AB-T	1							
-7	.051 x 3 7/8 x 3 1/2	ALCLAD	47AB-T	1							

PARTS LIST PER ASSY.

AC		LABAC	Emily 5-19-41		LOFS		
NAVY SR-53-T	EP-AP	2-22-41	Stuck				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG

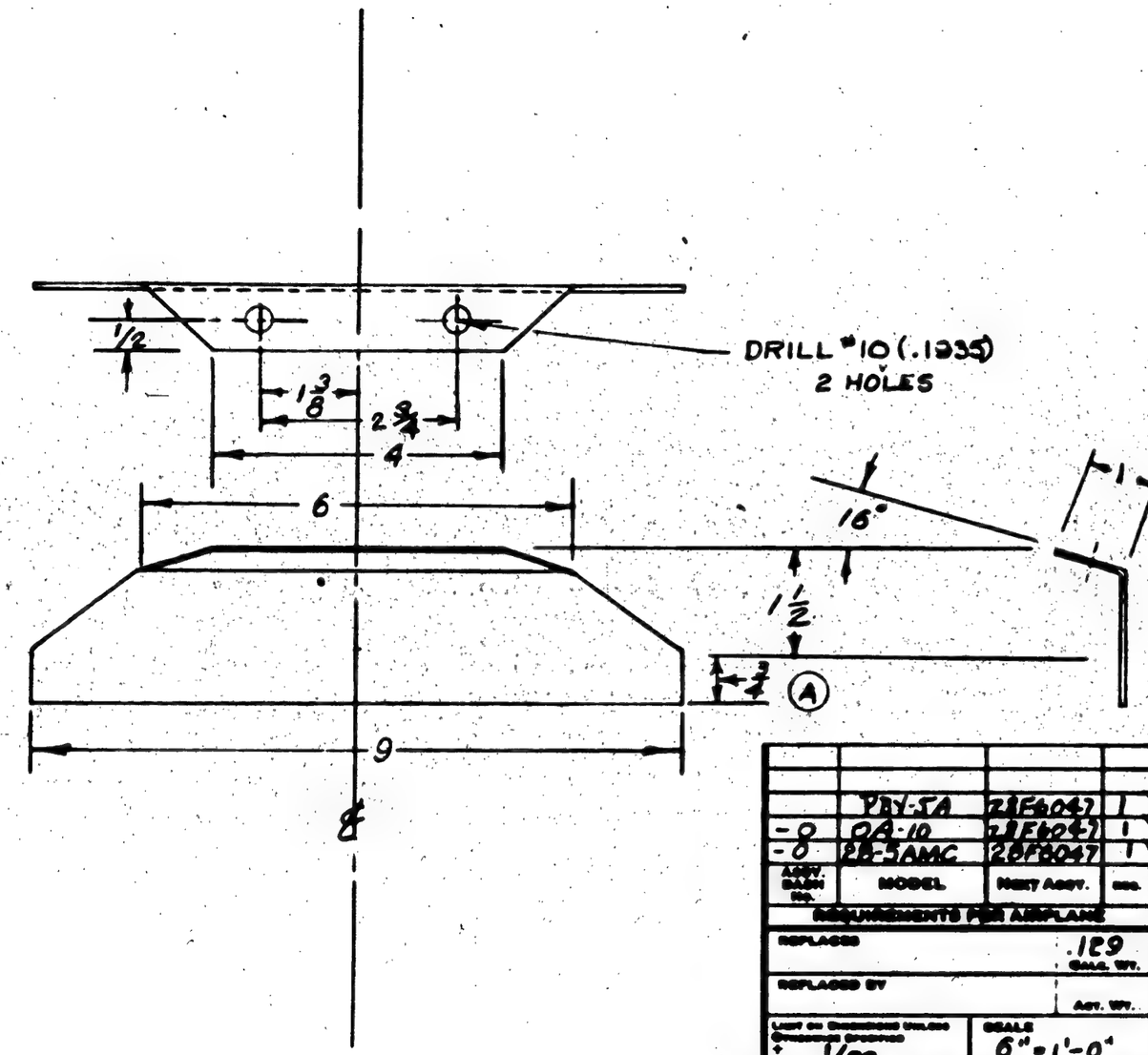
NAME CHANNEL SUPPORT-FURNS.-STA. 41 S.W. HEATING SYSTEM

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

SIZE B DWG. 28F6045

LET	ALTERATION	DATE	BY
A	CHGD -6 BY STRAIGHTENING ½ FLANGE	9-17-41	Thomas



NOTE:
ALL UNMARKED BEND RADII TO BE 1/8

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. BASIC No.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28F6047	1
-8	PA-10	28F6047	1
-8	PBY-5AMC	28F6047	1

REQUIREMENTS PER AIRPLANE

REPLACES .129 Galc. Wt.

REPLACED BY Act. Wt.

UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 6"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-9	.064 x 3 x 9 1/8	ALCLAD	47AB-T	1									
PARTS LIST PER ASSY.				-9		-2		-3		-4		-5	

AC		VAN ALSBURG	9-21-41
NAVY NONE	2-PAP		
HEAT TREAT	FINISH	DRAFT	

BATCH 9-22-41

CHECK | STRUCT. | MAT. | APPROV. | ENG.

NAME BRACKET-FURNS - A.P.U. MUFFLER

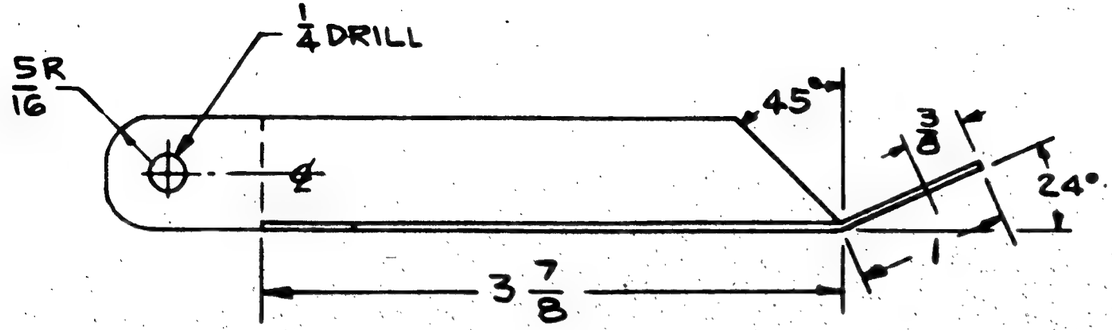
OPP. HAND NONE

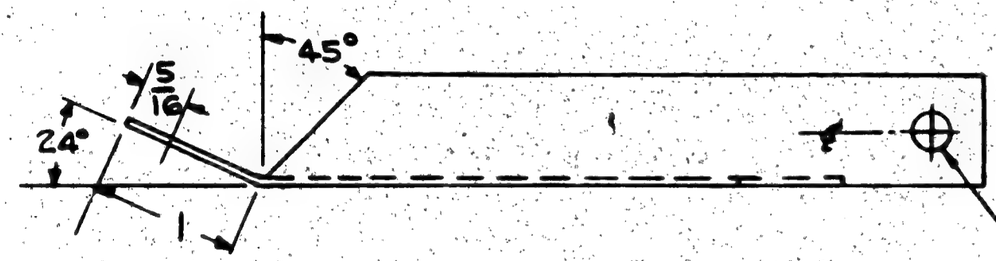
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B DWG. 28F6055

R

LET	ALTERATION	DATE	BY





FINISH CODE

Z	ANODIC TREATMENT
P	A-17 PRIMER
AP	ALUMINIZED PRIMER
C	CHROMIUM PLATE

ASSY. BASH NO	MODEL	NEXT ASSY.	QTY
-0	28-5AMN	28F6047	1
-0	PBY-5A	28F4047	1
-0	PA-10	28F6058	1
-0	28-5AMC	28F6047	1

REQUIREMENTS PER AIRPLANE

REPLACES .045 CALC. WT.

REPLACED BY ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
-0	K5401 X 6	AL. AL. 24ST	46A9-T										

* - PARTS LIST PER ASSY.

AC		DRAWING	2-25-41	BATCH				
NAVY NONE	Z-P-AP			RELEASED				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.	

NAME BRACE - FURNS. - A.P.U. PULLEY - TOP

OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

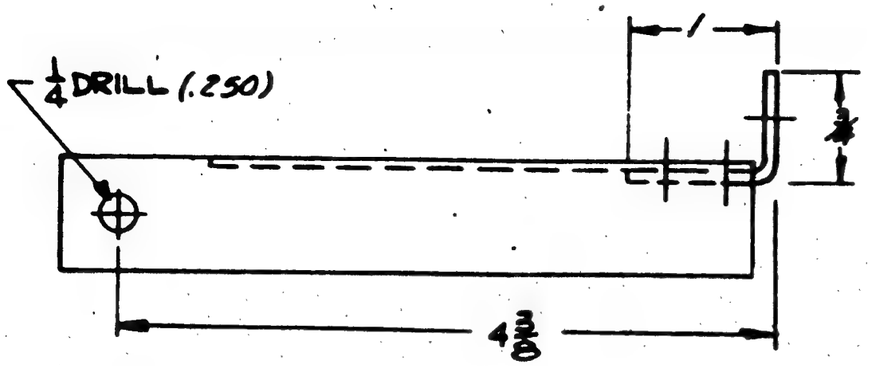
DWG. B SIZE 28F6058

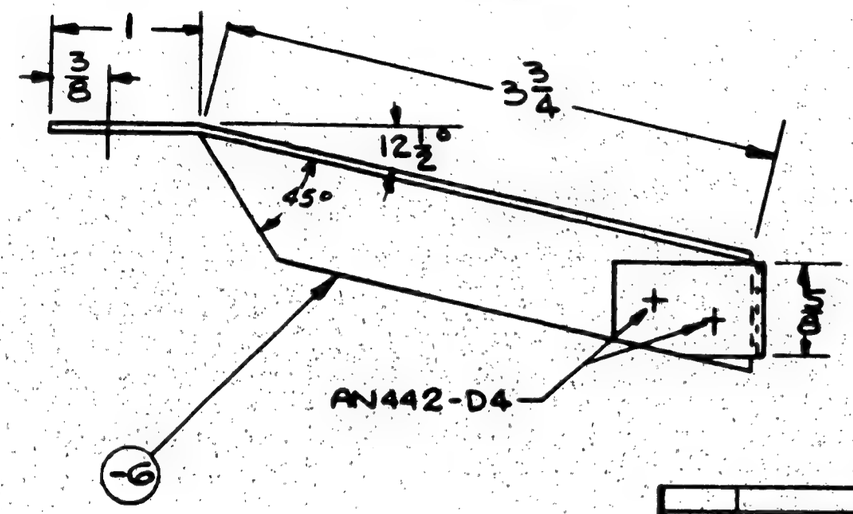
28F6058

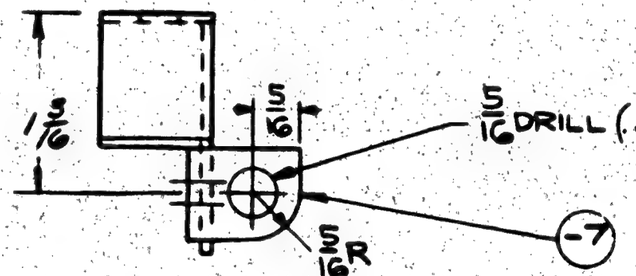
VV R

LET	ALTERATION	DATE	BY
A	W/ 3/4" MIN. THKS. KLOOD MACHINED TO OTR. SAME AS SHT. STOCK.	2-25-41	REACH

QA-10, 28-SAMC PBY-5A







FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

NOTE- REMOVE SHARP CORNERS

-0	28-SAMN	28F6047	1
-0	28Y-5A	28F6047	1
-0	QA-10	28F6056	1
-0	28-SAMC	28F6047	1
ASSY. DASH NO.	MODEL	PART ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES — SHT. WT. .040

REPLACED BY — ASS'Y. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 12"-1'0"

STAMP PART NUMBER WHERE SHOWN

AN442 D4

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
(A) -7	.072 x 3/4 x 1 3/8	AL ALL 24ST	4GA9-T	1									
-6	K5401 X 5 1/8	AL ALL 24ST	4GA9-T	1									
. PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		DRAWING	DATE				
NAVY NONE	2-P-AP	2-26-41	LOFTING				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRACE-FURNS.-A.P.U. PULLEY-FORWARD

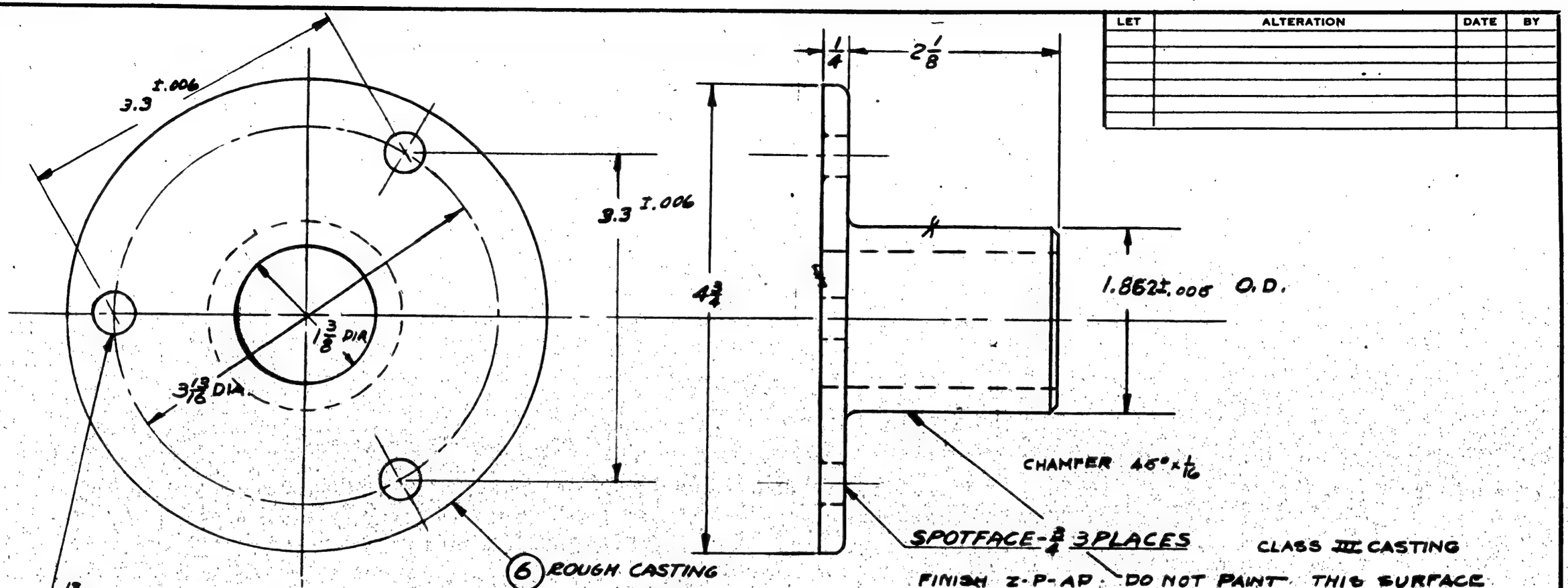
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND NONE

SIZE B — 28F6059

28F6059

LET	ALTERATION	DATE	BY



CONTRACT # CAN-78

NOTE
ALL RADII 3/16

CLASS III CASTING

FINISH Z-P-AP. DO NOT PAINT THIS SURFACE

ASSY. DASH No	MODEL	NEXT ASSY.	QUAN
	28-5AMC	21A6587	1
	28-5MC	21A6587	1

REQUIREMENTS PER AIRPLANE

REPLACES .78 CALC. WT.

REPLACED BY ACT. WT.

UNLESS OTHERWISE SPECIFIED: + 1/32 −

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-6		AL ALLOY CASTING	46A1-CL.4										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		4-1-41	Billing				MU
NAVY NONE	NOTED	DRAFT 4-5-41					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME FLANGE-BOMB SIGHT MOUNT-ARM'T

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

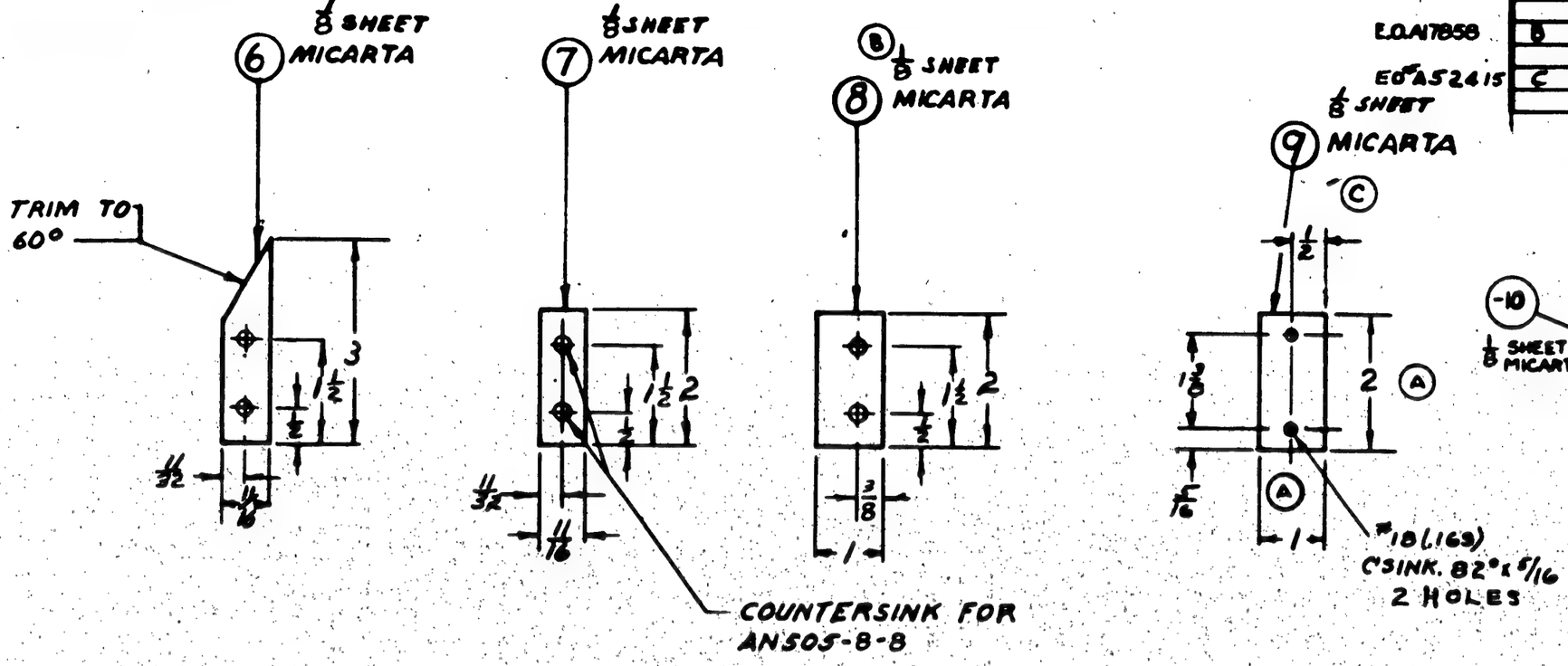
DWG. B SIZE 28F6092

JGC 5/3/44 R

LET	ALTERATION	DATE	BY
A	REMOVED 1/2 & 1 1/2 HOLE LOC. DIMS. & 2 HOLES #18 DRILL.	12-29-41	
B	ADDED -10. DIM. 1/8 ON -8 WAS 3/16. NEXT ASSY. -9 (2-PS227) W.A. 28F4162.	12-29-41	
C	ADDED #18(.169) C'T'S'K. HOLES IN -9. WT. CHG. NEG.	5-6-42	

E.O. A17858

E.O. A52415



NOTE

DRILL NO. 18 (.169) ALL PARTS AS SHOWN 21 ON

PURCHASE TO DWG.

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-10	2 x 7/8 x 1/8	MICARTA											
-9	2 1/8 x 1 1/8 x 1/8	MICARTA	17P5										
-8	2 1/8 x 1 1/8 x 1/8	MICARTA	TYPE-ERC										
-7	2 1/8 x 3/4 x 1/8	MICARTA	FORM 5										
-6	3/8 x 3/4 x 1/8	MICARTA											

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
-10	PBY-5A	28F4162	2
-9	"	28F5227	1
-8	"	28F4162	2
-7	"	28F4162	1
-6	PBY-5A	28F4162	2

REQUIREMENTS PER AIRPLANE

DETAIL NOS. 28F4162-6-7-8&9 — .15 GALL. WT.

REPLACED BY — ASY. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + 1/32 − — SCALE 6" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

ASS'Y. DASH NO.	MODEL	NEXT ASSY	REQ.
-9	28-5AMN	28F5227	1
-9	28-5AMC	28F5227	1
-10	PBY-5	28F4162	2
-8	PBY-5	28F4162	1

C-91876

AC		PARKER	
NAVY NONE	NONE	1-9-41	
HEAT TREAT	FINISH	DRAFT	

CHECK	STRUCT.	MAT.	APPROV.	ENG.
			1-5-42	MV

NAME BLOCKS-FURN'S - BOMBER'S SEAT BACK

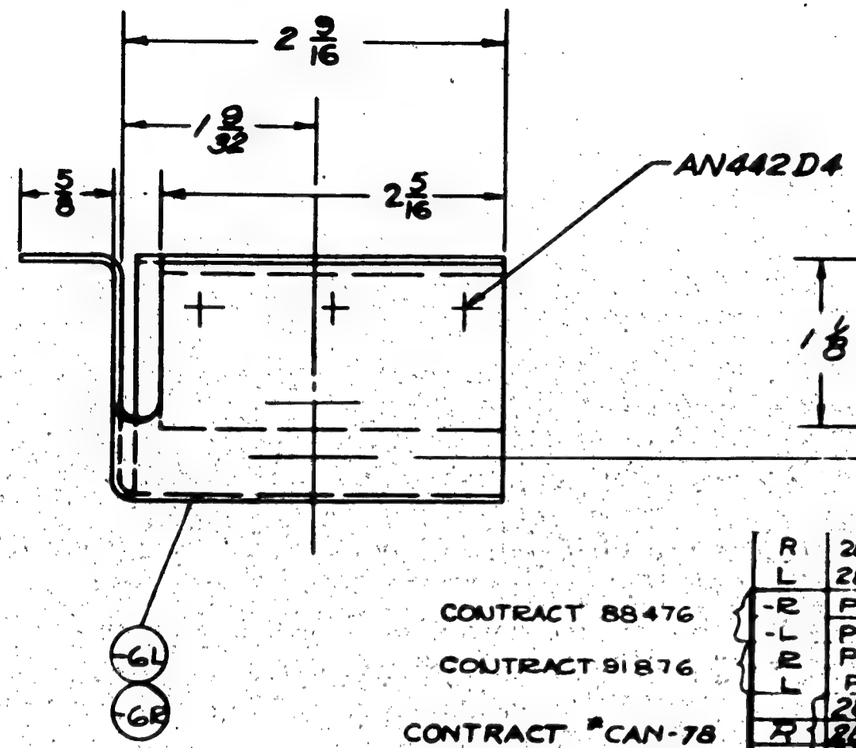
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND NONE

SIZE B — 28F6102

R

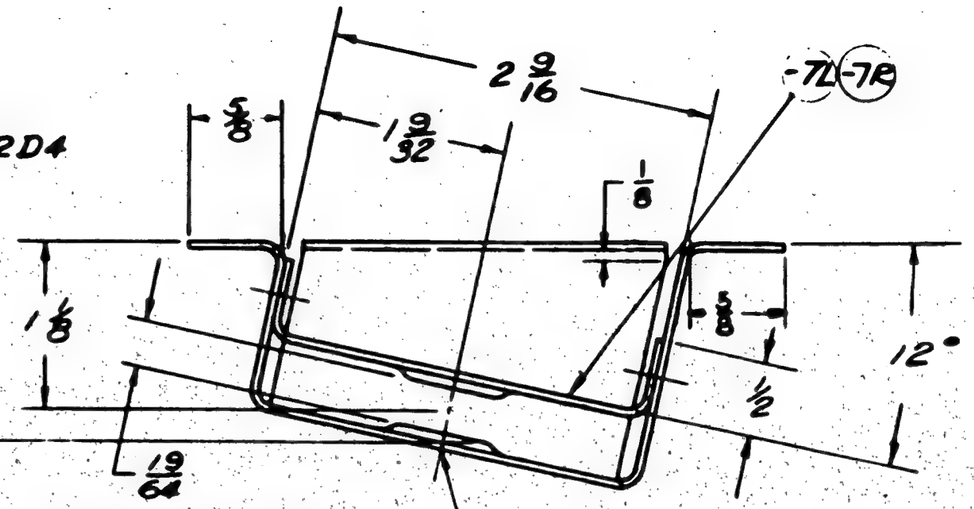
LET	ALTERATION	DATE	BY



CONTRACT 88476

CONTRACT 91876

CONTRACT #CAN-78
N-36



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

NOTE -
ALL BEND & RELIEF
RADII 3/32

LINE DRILL #10(.194)
DIMPLE 1/2 I.D. x 1/16
USE TOOL 1-J-1538-1

R	28-5AMN	28F6130																			
L	28-5AMN																				
-R	PBY-5A																				
-L	PBY-5A																				
R	PBY-5																				
L	PBY-5																				
	28-5MN																				
R	28-5MC																				
	28-5AMC																				
	28-5MN																				
L	28-5MC																				
	28-5AMC	28F6130																			

ASSY DASH NO	MODEL	NEXT ASSY.	REQ.
REQUIREMENTS PER AIRPLANE			

REPLACES — CALC. WT. 0.83

REPLACED BY — ACT. WT.

UNIT ON DRAWING UNLESS OTHERWISE SPECIFIED: ± X64

SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	AN442D4												
-7L	.051 x 8 1/2 x 3 3/4	ALCLAD	47A Grade A		1								
-7R	.051 x 2 1/2 x 3 3/4			1									
-6R	.051 x 5 1/2 x 7				1								
-6L	.051 x 5 1/2 x 7	ALCLAD	67AB Grade A	1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		3/13/41	Billing					
NAVY 3R-53	Z-P-AP	E.M. SMITH 5-19-41						
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.	

NAME BRACKET-ARM'T.- EMER. BOMB RELEASE PULLEY

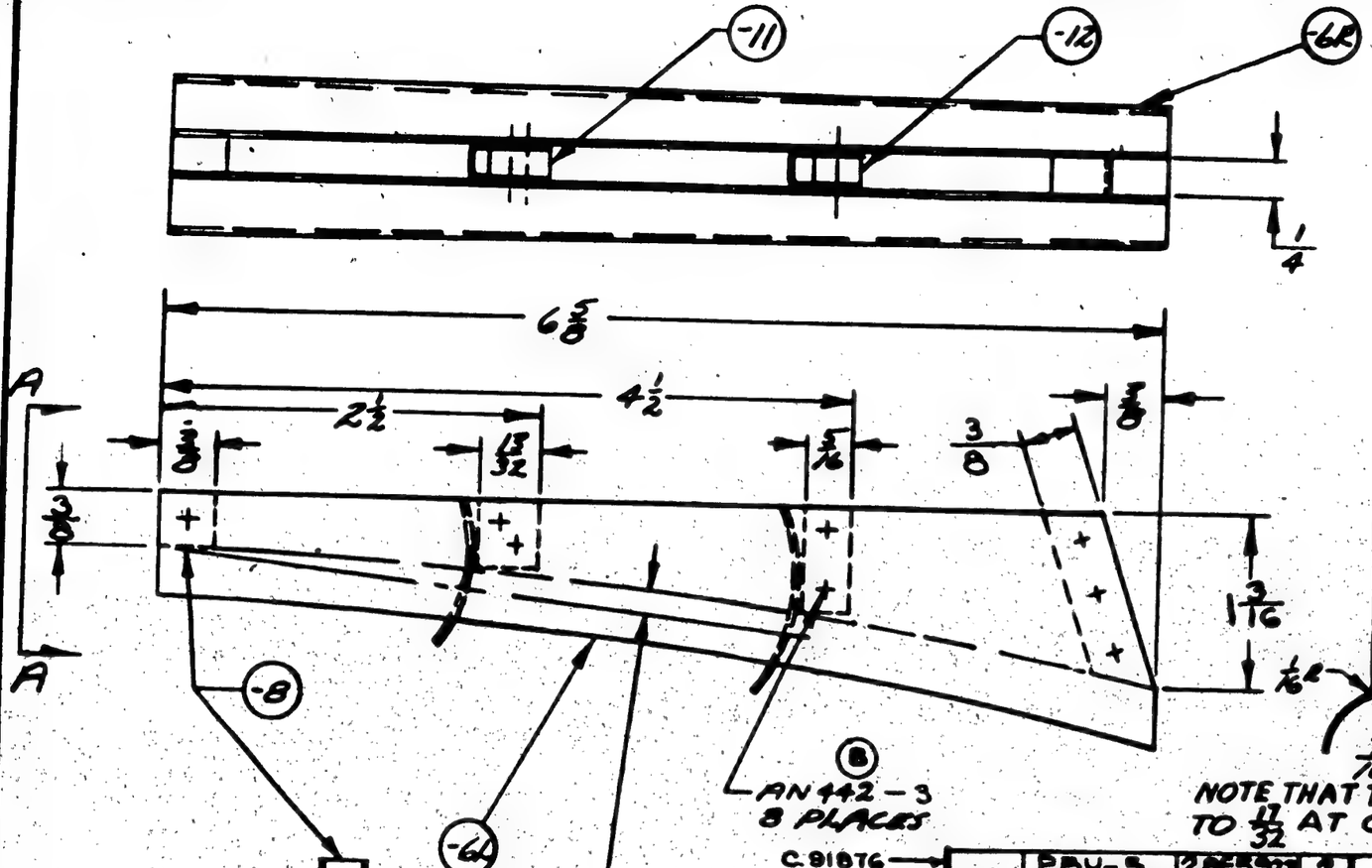
OPP. HAND 28F6128 R

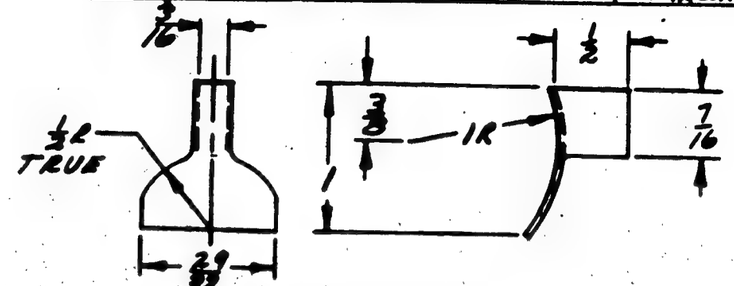
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F6128

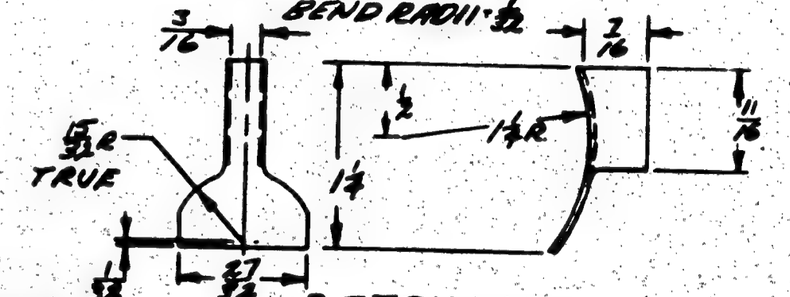
R

LET	ALTERATION	DATE	BY
A	RELEASE AFTER RUSH - RELEASE	5-27-42	AWILL
B	AN442-5 RIVET WAS AN442AD2 NEG. WT. CHG.	4-7-42	CLARK
C	REPLACED ZP-AL FINISH WITH "NONE" IN TITLE BLOCK : NO WT. CHG.	4-7-42	CLARK





DETAIL-9
BEND RADII-1/32



DETAIL-10
BEND RADII = 1/32

	PBY-5	28F5923	2	
	28-5AMC	28F5923	2	
	28-5MC	28F5923	2	
	28-5MA	28F5923	2	
	28-5ME	28F5923	2	
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.	

C-91876

REQUIREMENTS PER AIRPLANE

REPLACES	.15 GALS. WT.
REPLACED BY	ASY. WT.
UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN442-3													
28F6140-12	3/16 X 1/2 X 7/8	ALUM. ALLOY	47A10 (T)	1									
-11	3/16 X 1/2 X 1/2	ALUM. ALLOY	47A10 (T)		1								
-10	P32 X 1 3/8 X 1 1/2	AL CLAD	47AB (A)	1									
-9	.032 X 1 1/2 X 3/8	AL CLAD	47AB (A)	1									
-8	1/4 X 1/2 X 1/8	25-H AL ALUM.	47A2 TEMP. 1/2 H	1									
-7	1/4 X 1/2 X 1 1/2	25-1/2 H ALUM.	47A2 TEMP. 1/2 H	1									
-6R	.032 X 2 X 7	25-1/2 H AL SHT	47A2 1/2 H		1								
28F6140-6L	.032 X 2 X 7	25-1/2 H AL SHT	47A2 1/2 H	1									

PARTS LIST PER ASSY.

AC			STRUCT						
NAVY NF.-PE-10 TO C-I	NONE		& SPRAY NO.	RKM		WEB			5-28-42
HEAT TREAT	FINISH		DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG	

NAME AIR VENT-FURN'S-WINDSHIELD DEFROSTER

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

SIZE B

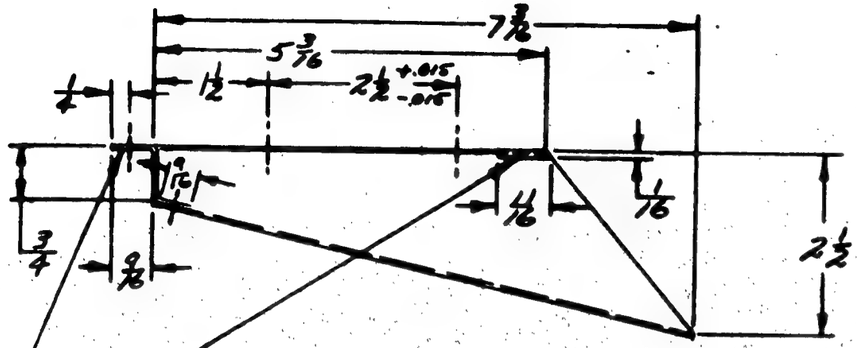
28F6140

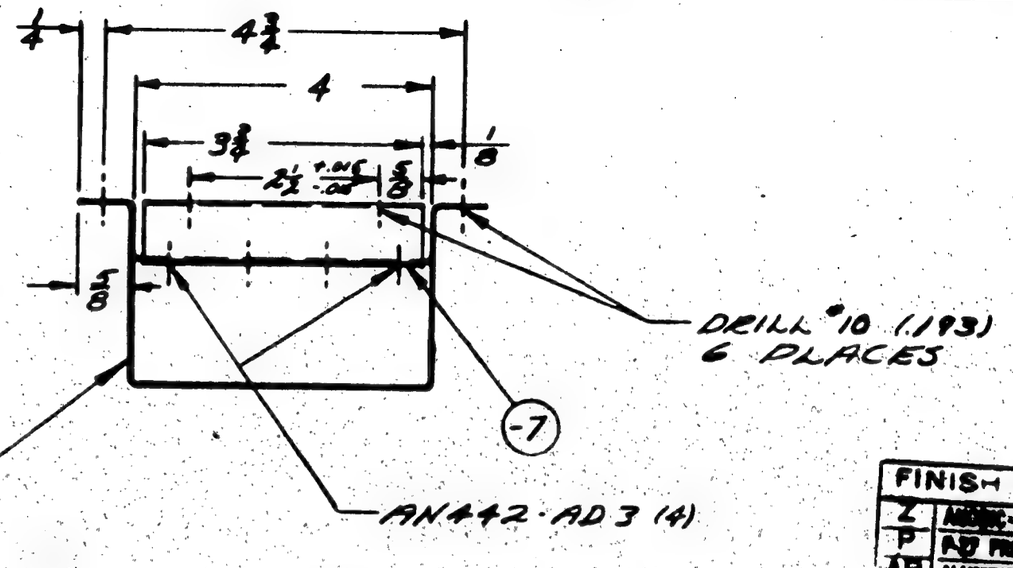
R

CONTRACT AMENDMENT #19
CONTRACT #F-210
PARTS TO BE SENT TO CUSTOMER FOR AIRPLANES WHICH DID NOT HAVE THIS PART INSTALLED PREVIOUS TO THEIR DEPARTURE.

ASSY DASH NO.	MODEL	NEXT ASSY	REQ
	PBY-5B	28F5923	2
	PBY-5A	28F5923	2

LET	ALTERATION	DATE	BY
A	ADDED NOTE TO FACE OF DWG.	12-16-41	SAVAGE





FINISH CODE

Z	ANODIC TREATMENT
P	A/D PRIMER
AP	ALUMINIZED PRIMER
+	CHROMIUM PLATE

BEND & RELIEF RADII - 1/16

THIS DWG. WAS RUSH-RELEASED

* SEE NOTE

(A) * NOTE:
PBY-5A CONTRACT 70496 PLANES #168-#200 INCL. & CONTRACT 77713 PLANES #1-#3 INCL.

PARTS ALREADY COMPLETED FOR PLANES NOTED.

ASSY DASH NO	MODEL	NEXT ASSY.	REQ
	PBY-5A	28F6203-7	1

REQUIREMENTS PER AIRPLANE

REPLACES	1.2 CALC. WT.
REPLACED BY	ACT. WT.
LAYOUT ON DRAWING UNLESS OTHERWISE SPECIFIED + −	SCALE 1"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
28F6203-7	.030 X 2 3/4 X 3 3/4	ALCLD SHT.	4148 T	1									
28F6203-6	.030 X 8 1/2 X 11	ALCLD SHT.	4148 T	1									
PARTS LIST PER ASSY.				-9		-2		-3		-4		-5	

AC		12-3-41	
NAVY NONE	Z.P.-AP OUTSIDE - Z.P.-H.T. RESIST. BLACK ENAMEL INSIDE	E. SAVAGE	
HEAT TREAT	FINISH	DRAFT	CHECK 1
			STRUCT. 12-17-41
			MAT
			APPROV 12-17-41
			ENG

NAME DEFLECTOR-FURNS-MECHS. HEATER

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B

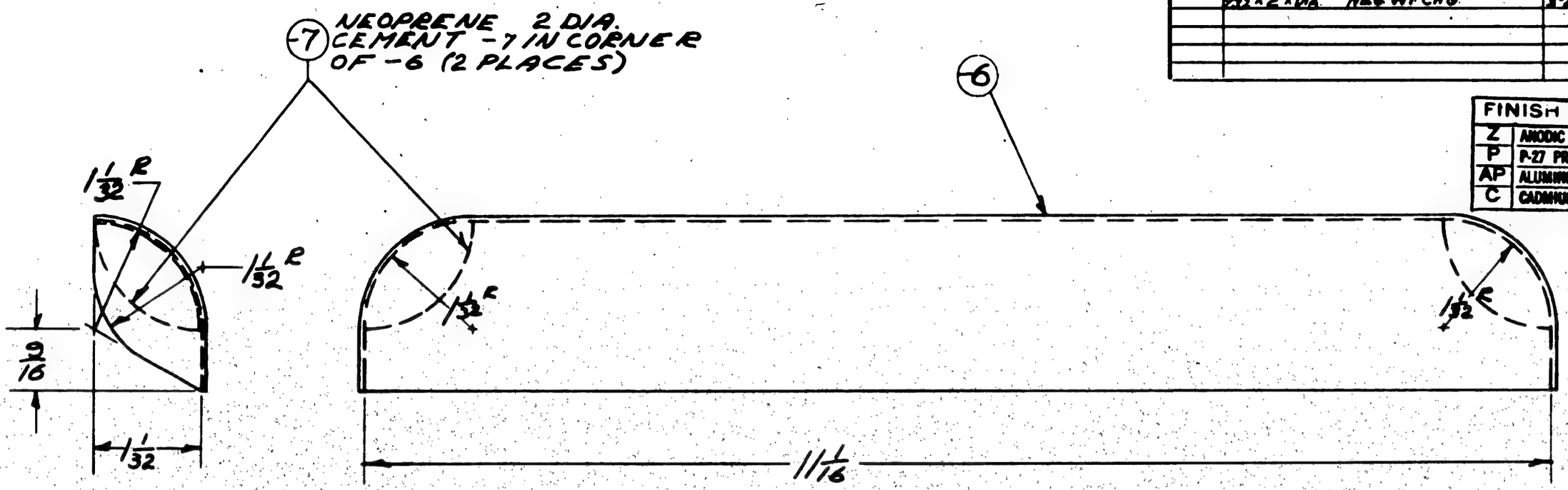
28F6203

R

E.O. 25645

LET	ALTERATION	DATE	BY
A	IN B/M -7; 1/64 X 2 DIA NEOPRENE WAS 1/32 X 2 X DIA NEO WT CH'G	2-21-42	

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE



RELEASE AFTER RUSH RELEASE 12/23/41

C-70496; C-77713-#1-3-

ASSY. BASIC NO.	MODEL	NEXT ASSY.	REQ'D
	PBY-5A	28F6211	2

REQUIREMENTS PER AIRPLANE

REPLACES — .16 GALC. WT.

REPLACED BY — ASY. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + — .1/64 — SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-7	1/64 X 2" DIA.	NEOPRENE COMM.		2									
-6	.090 X 5 X 18	2030 ALC. A9AR-A		1									

PARTS LIST PER ASSY. — -0 | -2 | -3 | -4 | -5

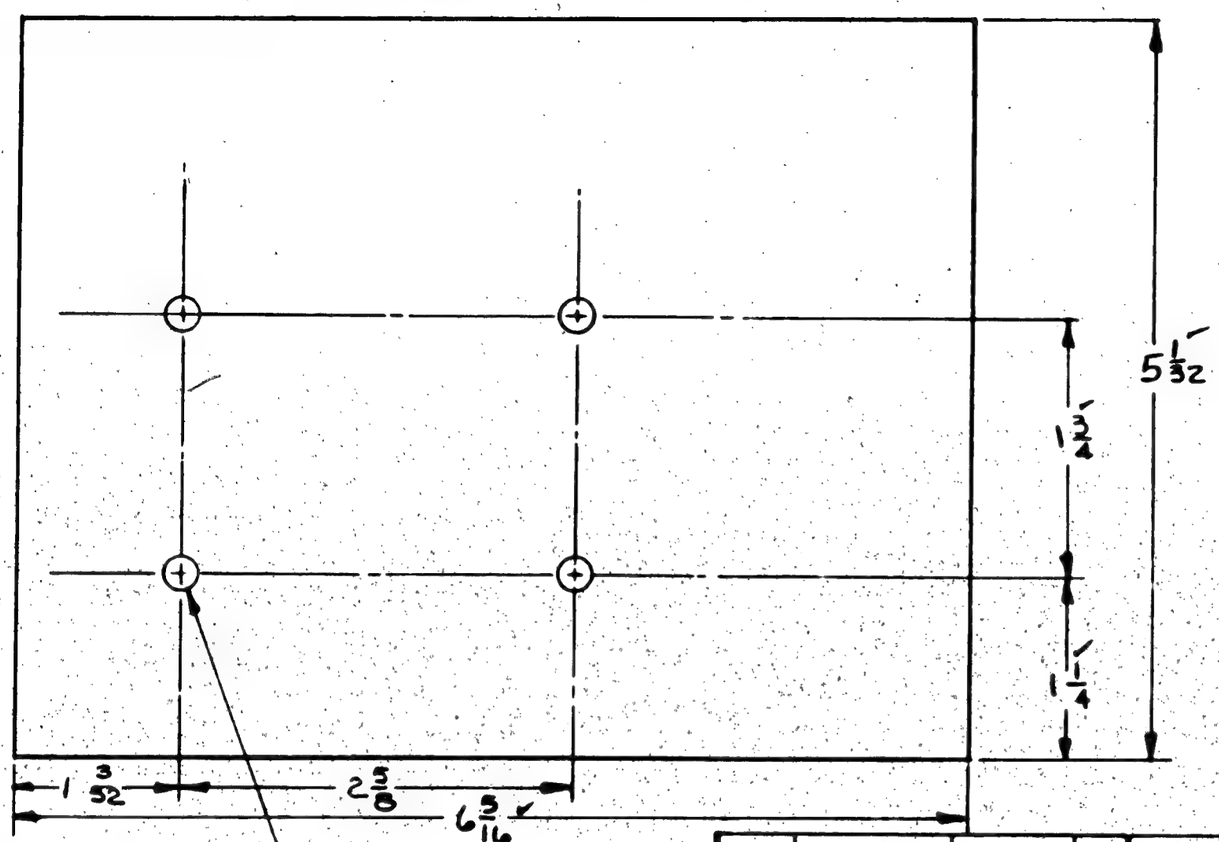
AC —	—	WALKER		[illegible]	J.F.R.	Klem	[illegible]
NAVY SR-53 COMP. T	ZP-AP	12/17/41				1-3-42	[illegible]
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRK'T. -FURNS- WIND-SHIELD ALCOHOL TANK — OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF. — DWG. B SIZE — 28F6207

R-2

LET	ALTERATION	DATE	BY



#6(.204) HOLES
4 PLACES TO
MATCH ABA
DYNAMOTOR.

CONTRACT # 91876
" " # 70496
" " # 77713
" " # 88476

TO BE INSTAL. BY NAVY
ON DELIVERED SHIPS

FINISH CO...

Z	ANODIC TREATMEN
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. DASH NO.	MODEL	NEXT ASSY.	QTY.
	PBY-5	28F6218	
	PBY 5A	28F6218	

REQUIREMENTS PER AIRPLANE

REPLACES — Equip. Wt.

REPLACED BY — Assy. Wt.

Layout on Dimensions Unless Otherwise Specified ± 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
28F6215	051 x 6 1/16 x 5 1/8	ALC 24ST	47A8-T										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		12-15-41					
NAVY NONE	Z-P-AP	SUPERV.	OTO				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG.

NAME PLATE-FURNS- ABA DYNAMOTOR SUPPORT.

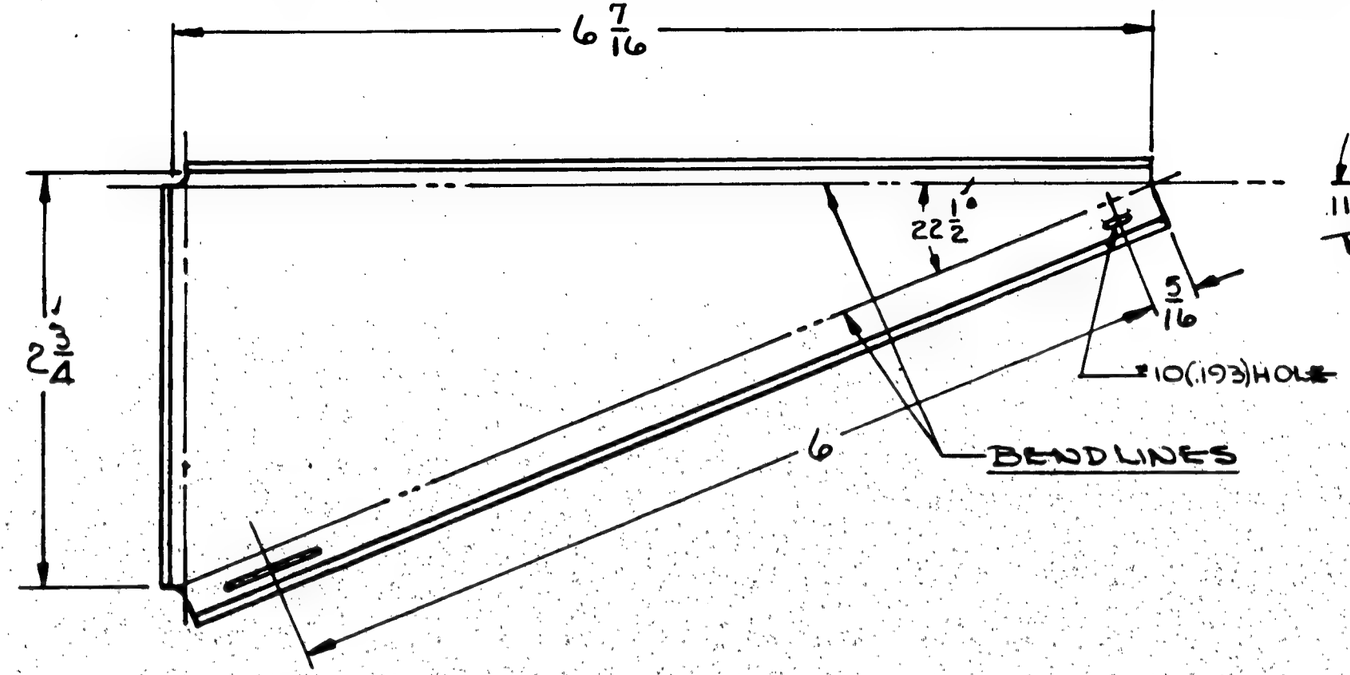
OPP. HAND NONE

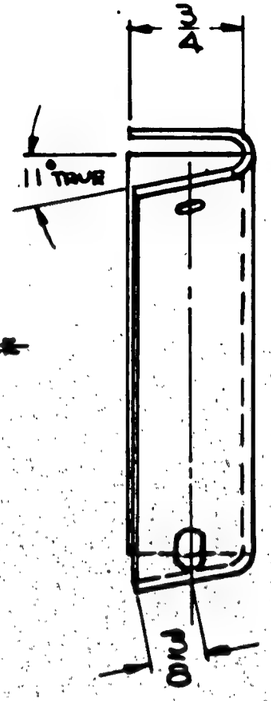
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F6215

R

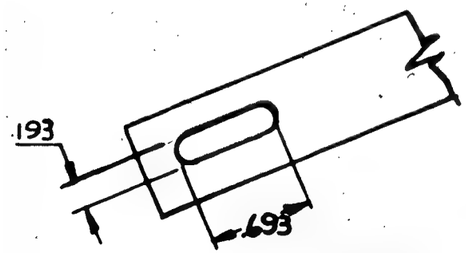
LET	ALTERATION	DATE	BY





NOTE:—
ALL RELIEF & BEND RADII 3/32 UNLESS OTHERWISE NOTED

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE



DETAIL OF SLOT

CONTRACT #91876 →
" " #70496 →
" " #77713
" " #88476 →
TO BE INSTALLED BY NAVY ON DELIVERED SHIPS

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.
	PBY-5	28F6218	1
	PBY 5A	28F6218	1

REQUIREMENTS PER AIRPLANE

REPLACES — Calc. WT.

REPLACED BY — Act. WT.

Limit on Dimensions Unless Otherwise Specified: ± 1/32 — SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
	061x5x5	ALC 24 SO	47A8-A										

AC			DRAWING						
NAVY SR-63	Z-P-AP		12-7-41	CTO 12-26-41				1/16/42	
HEAT TREAT	FINISH		DRAFT	CHECK	STRUCT	MAT		APPROV	ENG.

NAME BRACKET-FURNS-ABA
DYNAMOTOR SUPPORT

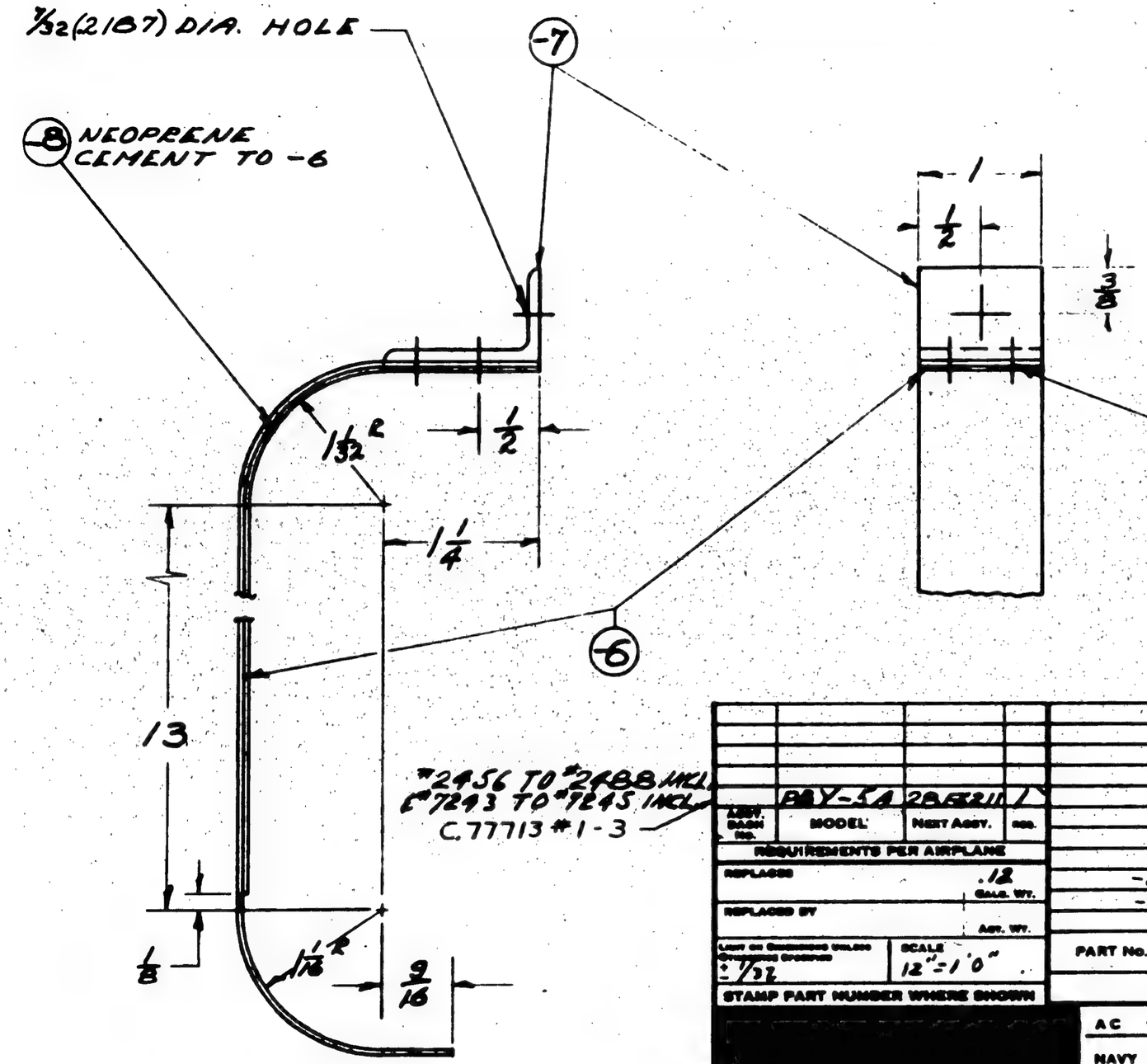
OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B — 28F6216

R

LET	ALTERATION	DATE	BY



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

RELEASE AFTER RUSH RELEASE 12/23/41

-2456 TO -2488 INCL
-7243 TO -7245 INCL
C.77713 #1-3

LAST DASH NO.	MODEL	NEXT ASSY.	REQ.
	B-24	28F6211	1

REQUIREMENTS PER AIRPLANE

REPLACES .12 GALS. WT.

REPLACED BY ASS'Y. WT.

LAYOUT OR DRAWING UNLESS OTHERWISE DESIGNATED ± 1/32 | SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

B24Q3-D4

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-8	1/32 x 8" x 16"	NEOPRENE	COMM.	1									
-7	73 EE x 1 3/8	ALAL 2S-T3 EXT.	6429-T	1									
-6	.040 x 6" x 18"	ALAL ALL	4248-T	1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC —	—	ENGINEER			JEB	Klein	RK
NAVY NONE	LP-AP	12/17/41				1-3-42	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME CLAMP R.H.-FURNS-WIND SHIELD ALCOHOL TANK

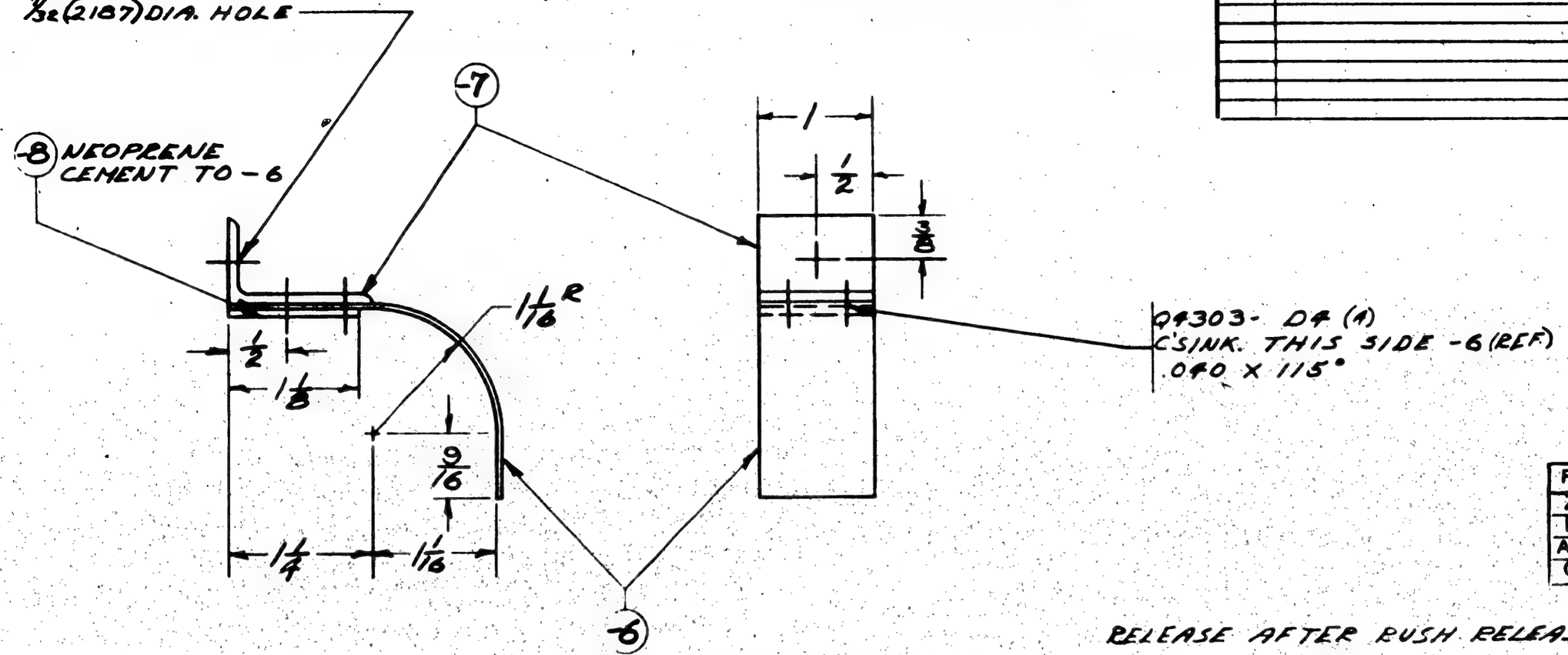
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND NONE

REV. B SIZE 28F6230

R VV

LET	ALTERATION	DATE	BY



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

RELEASE AFTER RUSH RELEASE 12/23/41

C 77713 #1-3

#2456 TO #2488 INCL
& #7243 TO #7245 INCL.
C 70496

ASSY. DASH NO.	MODEL	NEXT ASSY.	QTY.
	PBY-5A	28F6211	1
	PBY-5A	28F6211	1

REQUIREMENTS PER AIRPLANE

REPLACES — .04 CAMB. WT.

REPLACED BY — ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

Q4303-D4

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-6	1/16 X 1 1/2 X 1 1/4	NEOPRENE COMM.											
-7	734 FEXL	AL AL 24ST EXT	96A9-T										
-8	090 X 1 X 3 1/2	24ST ALC	9708-T										

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC —	—	HAGEDORN		Gale	JER	Klem		
NAVY NONE	ZP-AP	12/16/41				1-3-42		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME CLAMP L.H. - FURNS - WIND-SHIELD ALCOHOL TANK

OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

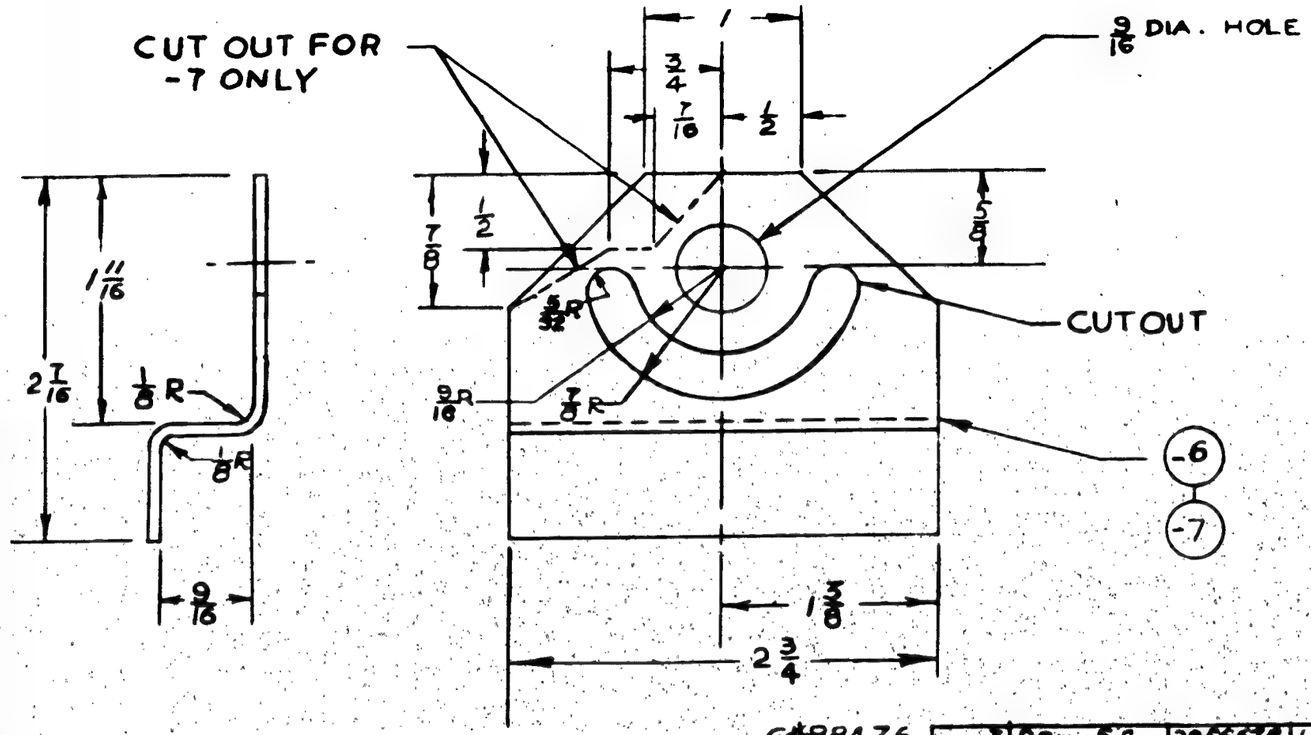
SIZE B — DWG. 28F6231

VV

A

LET	ALTERATION	DATE	BY
D	TRACED NO WT. CHG	10-8-43	BERG

28F6257



C#88476
C#91876

-7	PBY-5A	28F6678	1
-7	PBY-5	28F6678	1
-6	28-5MN	28C5079	1
-7	PBY-5B	28F6678	1
-6	28-5AMN	28C5079	1
-6	28-5AMC	28C5079	1

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ

REQUIREMENTS PER AIRPLANE

REPLACES 28F6257 1-6-42 .044 CALC WT

REPLACED BY ACT WT

UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

FINISH CODE
Z-ANODIC TREAT.
P- P-27 PRIMER
GP-GREEN PRIMER
C- CADMIUM PLATE

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
-7	.064 x 2 7/8 x 3 1/8	ALC. SHT	99A-362-T										
-6	.064 x 2 7/8 x 3 1/8	ALC. SHT	99A-362-T										

PARTS LIST PER ASSY.

AC		1-6-42		GERBER		BRANDOZA	WHITNEY
NAVY NONE	Z-P-2GP	AURAND				1-2-42	WOLD
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRK'T-FURN'S-AILERON TAB CONTROL BOX SHAFT

OPP. HAND

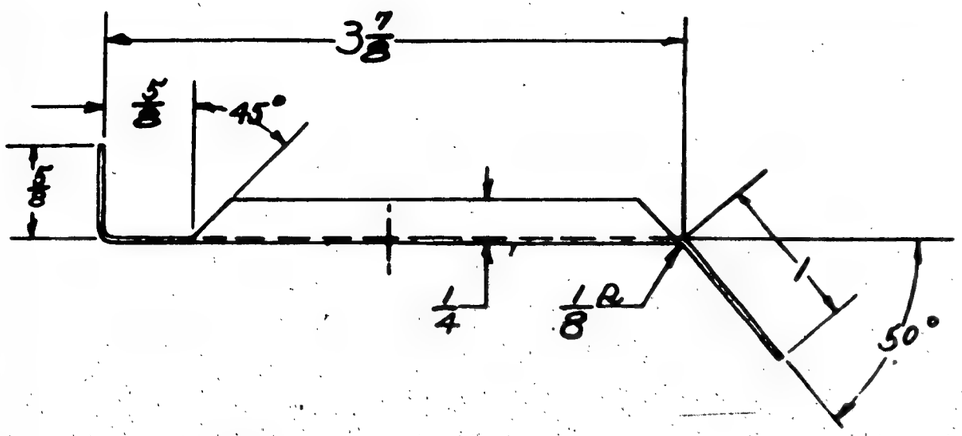
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

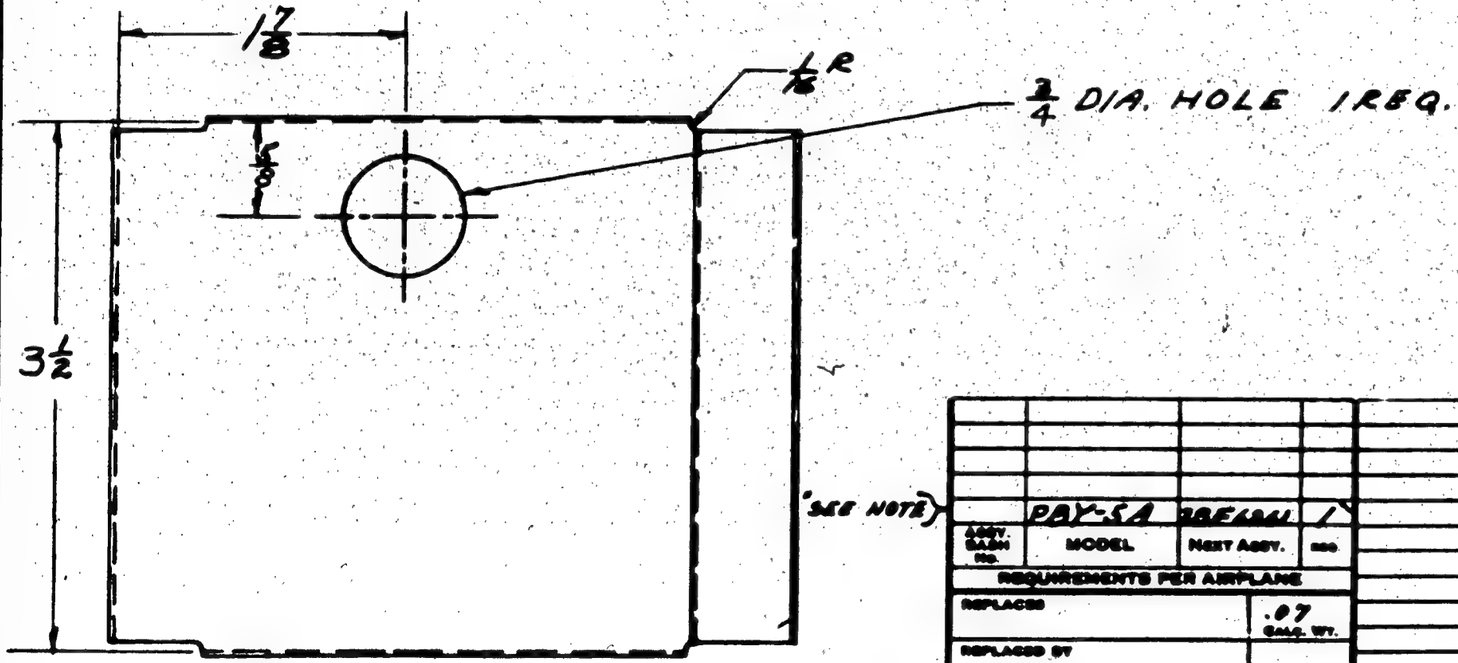
DWG. SIZE B

28F6257

R

LET	ALTERATION	DATE	BY





NOTE
CONT. #70496 ON SHIPS #2456-#2480 INC. = 33
CONT. #77713 ON SHIPS #7243-#7245 INC. = 3

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

RUSH RELEASED 1-22-42

A/CRFT SERIAL No.	MODEL	NEXT ASSY.	REQ
	PBY-5A	BREAKDOWN	1

REQUIREMENTS PER AIRPLANE

REPLACES	.07 Emerg. WT.
REPLACED BY	Adv. WT.
UNLESS OTHERWISE SPECIFIED ± 1/32 NOTED	SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.	.032 x 6 1/2 x 5 7/16	ALC. 24 ST	QQA-250/5 "T"	-0		-2		-3		-4		-5	

AC —	—	DESIGN	1/12/42	[illegible]	[illegible]	[illegible]	[illegible]
NAVY NONE	Z-P-AP	1-10-42	Foster			2-3-42	[illegible]
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV.	ENG.

NAME BRACE-FURNS-WIND-SHIELD WIPER & SPRAY CONTROLS

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

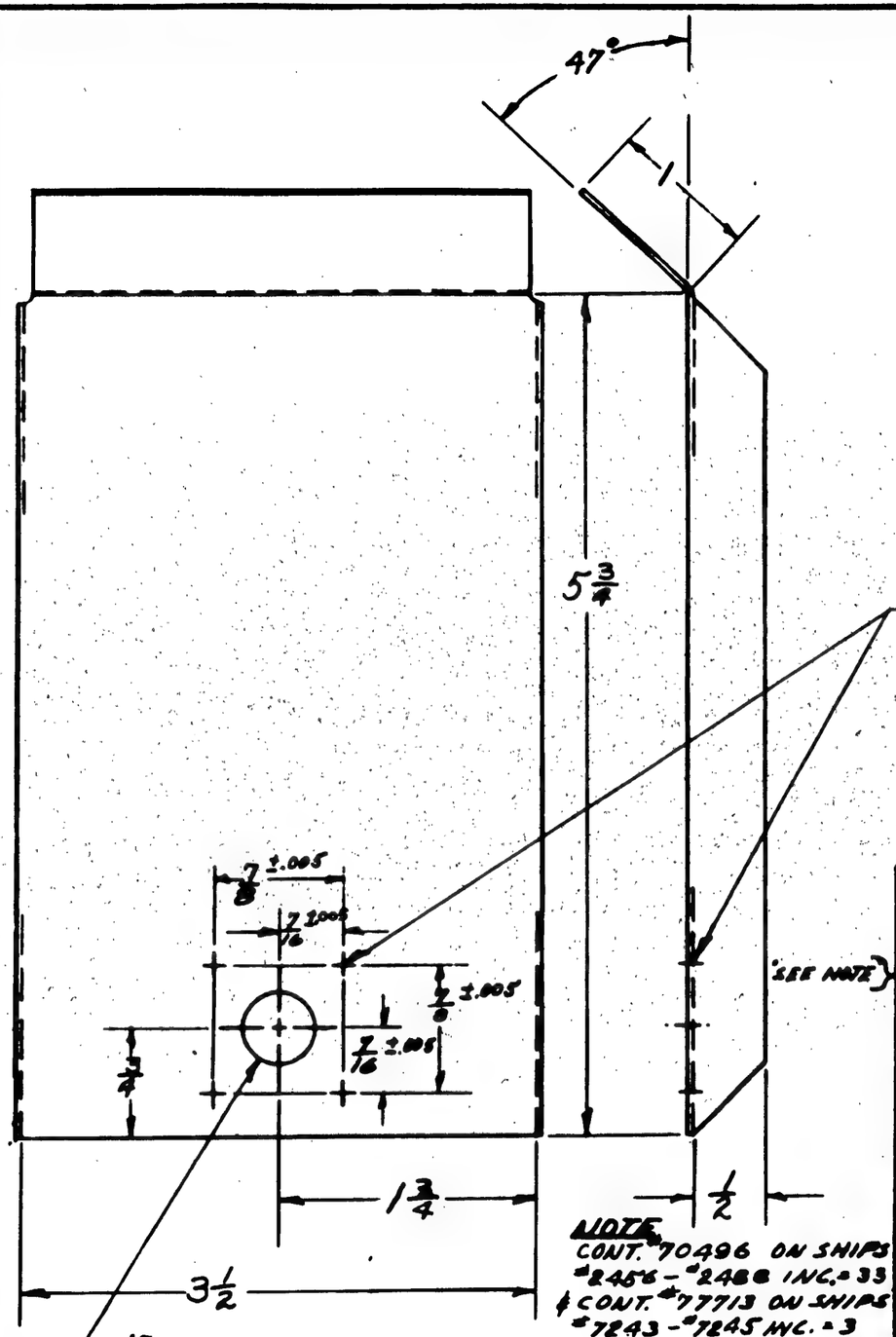
OPP. HAND NONE

DWG. SIZE B

28F6260

DDR

LET	ALTERATION	DATE	BY



NOTE
CONT. #70496 ON SHIPS #2456 - #2486 INC. = 33
& CONT. #7713 ON SHIPS #7243 - #7245 INC. = 3

ALL BEND & RELIEF 1/16 R.
CUT FLGS. TO 45° AS SHOWN

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

RUSH RELEASED 1-22-42

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ
	PBY-5A	28F6241	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. .10

REPLACED BY — ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 NOTED — SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.		LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.032 x 9 3/8 x 7	24ST ALC.	67AR-"T"		1									
PARTS LIST PER ASSY.					-0		-2		-3		-4		-5	

AC		MAKER	11/14/41	Foster	Peck
NAVY NONE	Z-P-AP	1-10-42	FOSTER		2-3-42
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT

NAME M'T'G. BRK'T.-FURN.-WIND-SHIELD WIPERS & SPRAY CONTROLS

OPP. HAND NONE

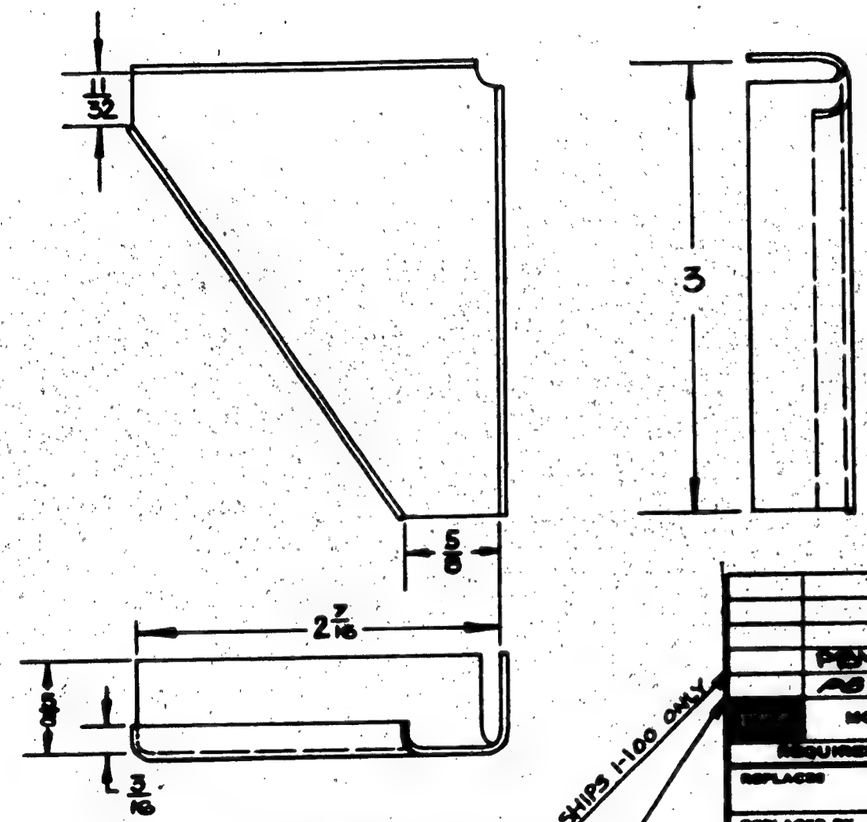
DWG. B SIZE

28F6262

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF

R DD

LET	ALTERATION	DATE	BY



NOTE: ALL BEND & RELIEF RADII 3/32

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

PBY-5	28F6270	2	
PBY-5A	28F6272	2	
MODEL	NEXT ASSY.	REQ	

REQUIREMENTS PER AIRPLANE

REPLACES		.658 Gms. WT.
REPLACED BY		Adv. WT.
UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12" = 1'0"	

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
28F6272	.051 R 3/16 x 3 3/16	2024 ALCLAD	AMS										
				-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

SHIPS 1-100 ONLY

CONTRACT #91876
CONTRACTS #70496, #77715 & FIRST 32 SHIPS OF 88476.

AC					
NAVY 52-53	ZP-AP		1-19-43		
HEAT TREAT	FINISH	DR.	CHECK	STRUCT	MAT	APPROV	ENG

NAME SUPPORT - FURN. - RADIO OPERATORS SHELF EXTENSION

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

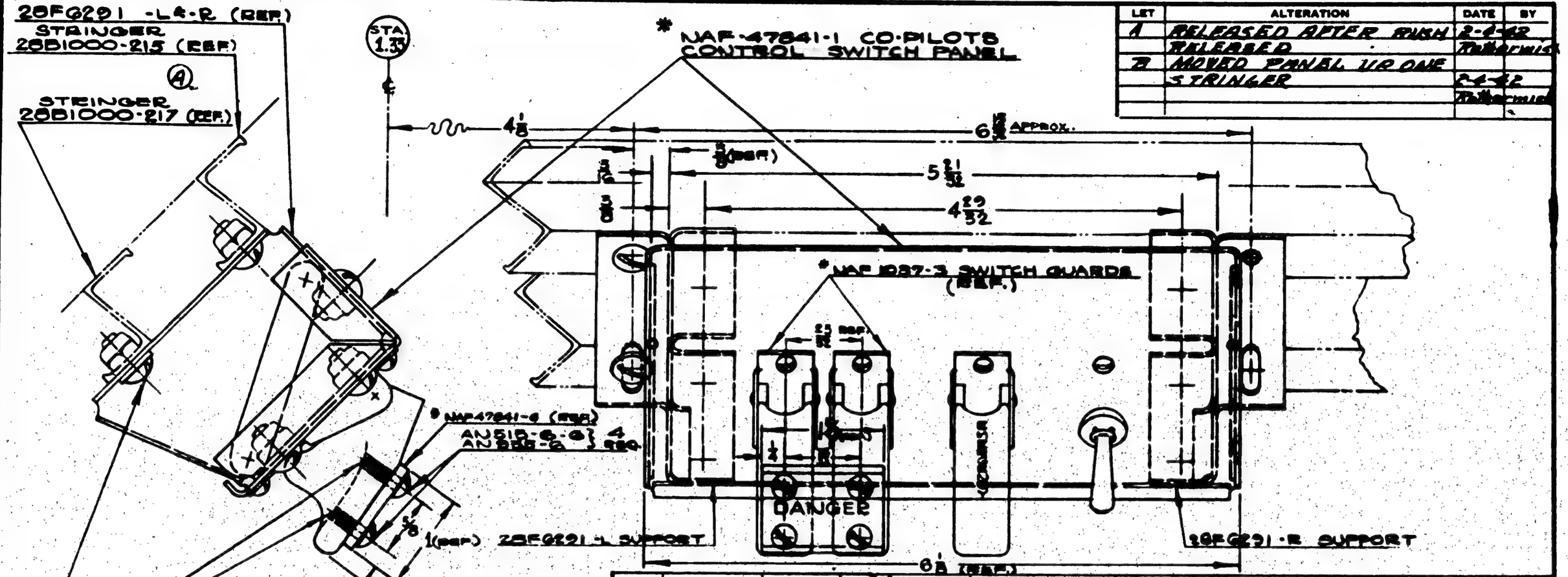
OFF-HAND

SIZE B

28F6272

R

LET	ALTERATION	DATE	BY
A	RELEASED AFTER RUSH	2-1-42	
	RELEASED		Thibermich
B	MOVED PANAL UP ONE		
	STRINGER	2-6-42	
			Thibermich



- 4 HOLES IN *NAF47841-6 = *28 (.140) -THREAD 6-32 - NC-3 (4 PLACES) AS SHOWN IN *NAF 1037-3 SWITCH GUARDS

Q5106-D10-7 } 10 PLACES
AC365-D1032 }
*10 (.193) 10 HOLES AS SHOWN

CONTRACT NO. 91876

CONTRACT NO.S 70496, 77713, 88476

NOTE:

1. CONTRACTOR INSTALLED ON ALL AIRPLANES OF CONTRACT *88476 & 91876
2. ON CONTRACT *70496 (38 AIRPLANES) & *77713 PARTS ARE TO BE FURNISHED TO NAVY FOR SERVICE INSTALLATION

RUSH RELEASED 12-9-41

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
-0	PBY5	28F1002	1
-0	PBY5A	28F6002	1

REQUIREMENTS PER AIRPLANE

REPLACES — GALS. WT.

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32 — SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
Q5106-D10-7				10									
AN515-6-6				4									
AC565-D1032				10									
AN525-6				4									
28FQ291-R					1								
28FQ291-L				1									
*NAF 47841-1 CONTROL PANEL (GOVT FURN.)				1									
-6													
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		1/22/42					
NAVY NONE	NONE			FQ-41 @ W.F.		2-6-42	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

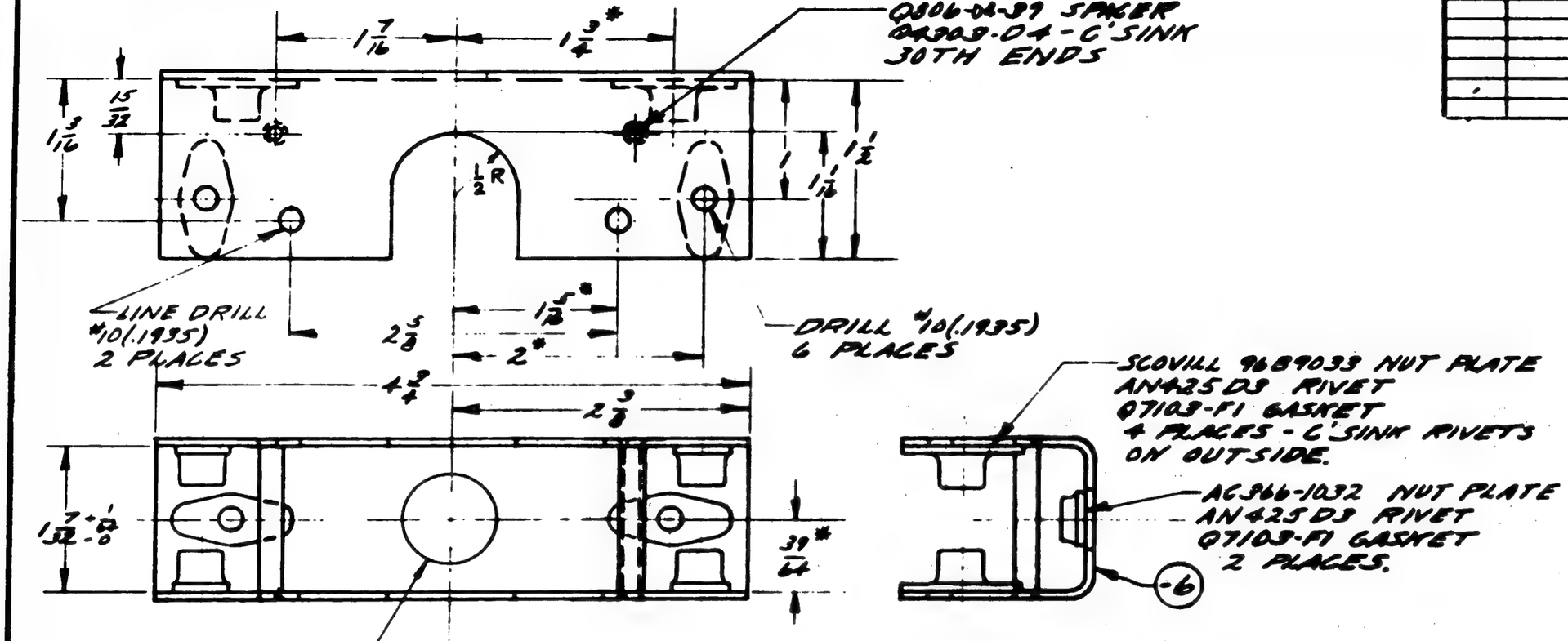
NAME INSTALL.- FURN- B-3003
CO-PILOT'S CONTROL SWITCH PANEL

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

SIZE B — 28F6290

LET	ALTERATION	DATE	BY



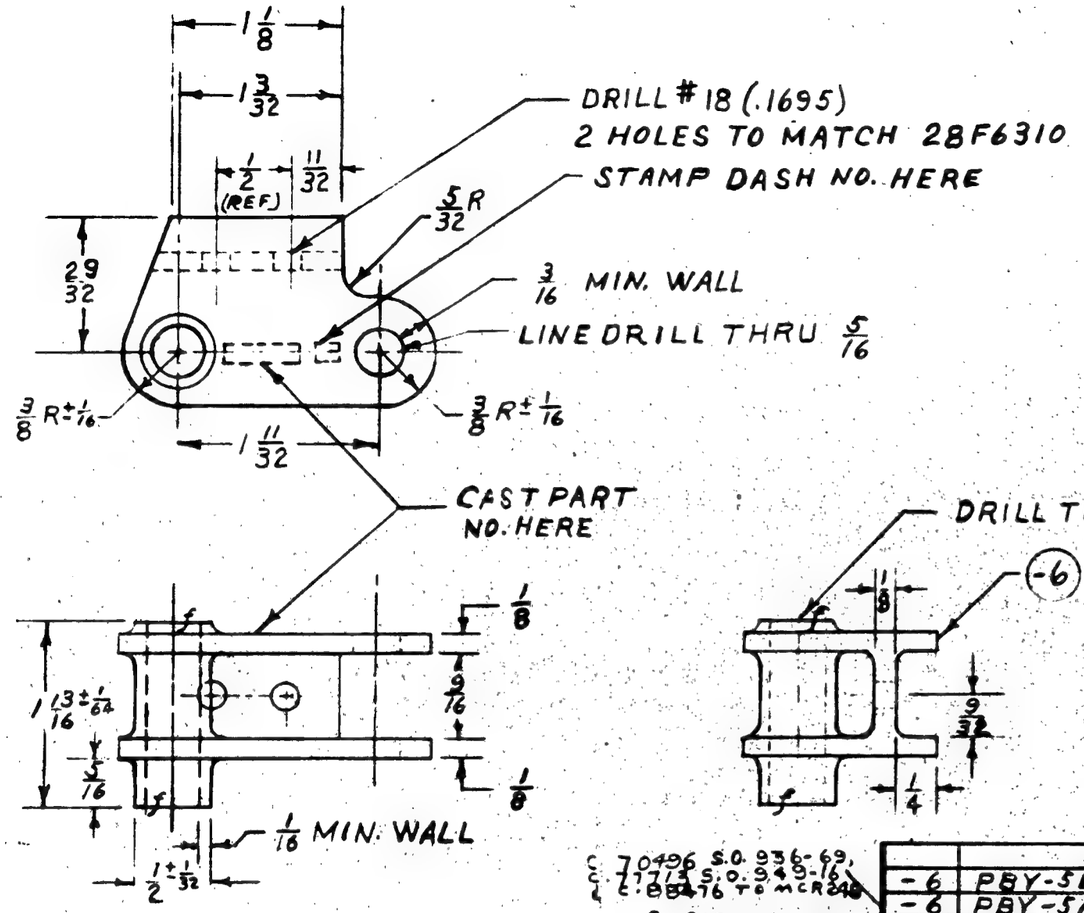
NOTE:
DIMENSIONS MARKED
THUS * APPLY TO MATING
PART NO. 28F6304
BEND RAD. 1/8.

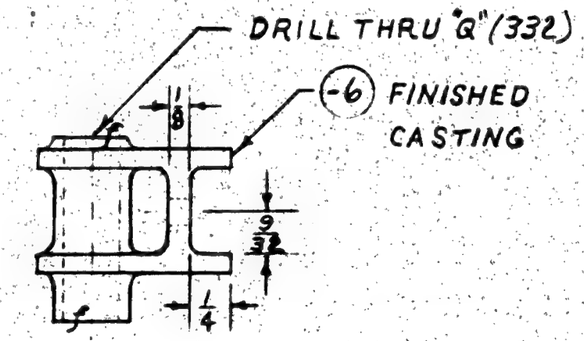
CONT. #TTT13
S.O. 949-16
CONT. #TOAN
S.O. 936-69

| | | |

LET	ALTERATION	DATE	BY
D	TRACED NO. WT. CHG	10-7-43	DOLAN

28F6309





C. 70496 S.O. 936-69,
C. 71713 S.O. 949-16
C. 88476 TO MCR 248

C. 91876 C 70496
S.O. 936-69
31 SHIPS

1.- MATERIAL MAY BE: AL. ALLOY CASTING 195T4, SPEC. AN-QQ-A-390 CL.1, T.S. 29,000 P.S.I. OR

2 - AL ALLOY CASTING S195T6, SPEC. AN-A-5 CL II, T.S. 32,000 P.S.I.

3 - ALL FILLETS 3/32 R

4 - CLASS III CASTING

FINISH CODE	
Z	ANODIC TREATMENT
P	PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
-6	PBY-5B	28F6311	2
-6	PBY-5A	28F6311	2
-6	PBY-5	28F6311	2
-6	PBY-4	28F6311	2

REQUIREMENTS PER AIRPLANE

REPLACES 28F6309 7-23-41 .06 CALC. WT.

REPLACED BY ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-6	FINISHED CSTG	MAKE FROM -0											
-0-6	ROUGH CASTING	NOTED	NOTED										
... PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		7-23-41	BILLING	GERBER	MEG	KLEIN	BOULEY
NAVY NOTED	Z-P-2AP	HATCHER	8-4-41			8-26-43	R
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME LINK-ARM'T. — BOW TURRET LOCK

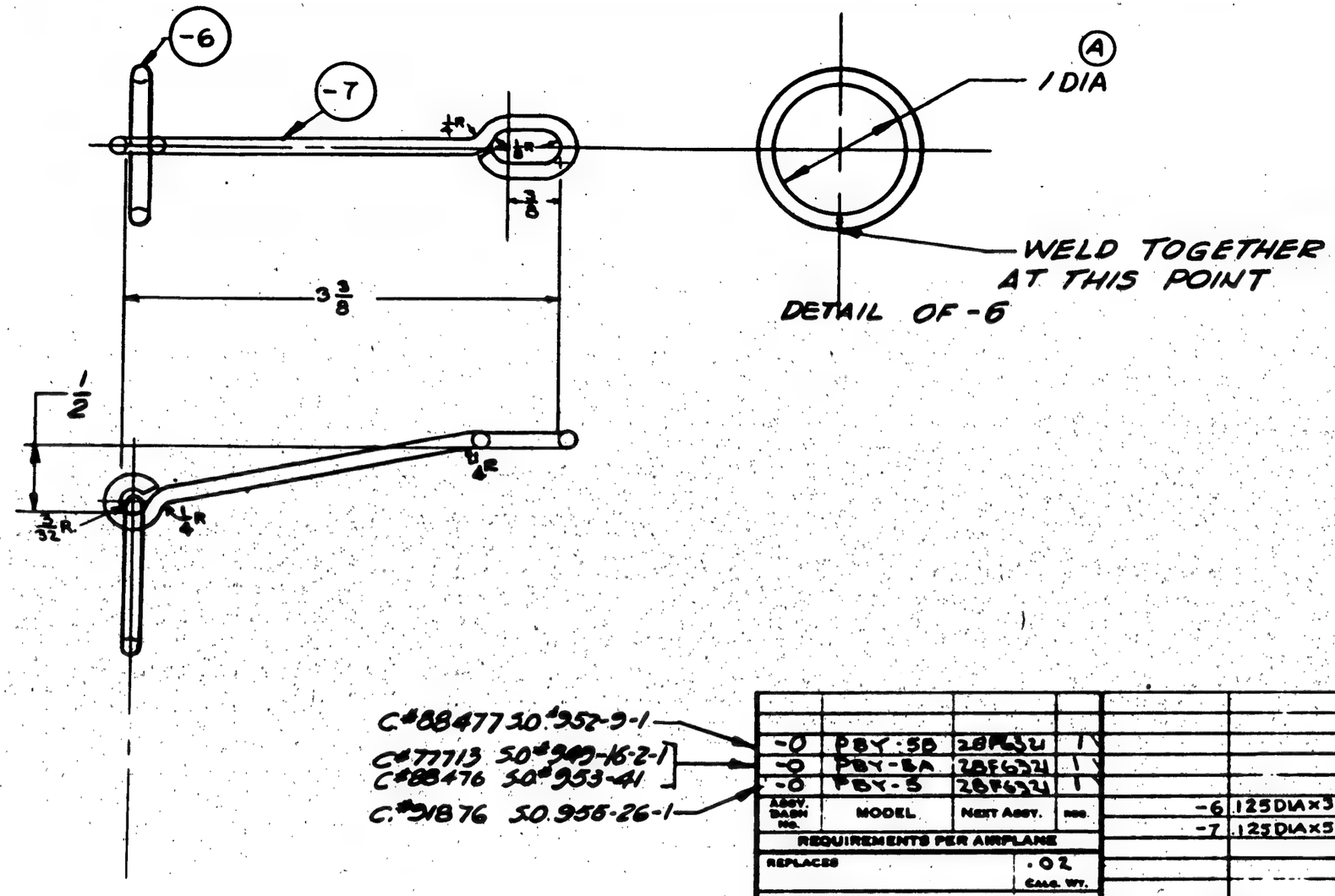
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B

28F6309

LET	ALTERATION	DATE	BY
A	CORRECTED DIM. 1 DIA WAS 1 ROO	9-18-42	CRAIN



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIME

C#88477 50.952-9-1
C#77713 50.949-16-2-1
C#88476 50.953-41
C.#31876 50.956-26-1

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
-0	PBY-5B	28F6324	1
-0	PBY-5A	28F6324	1
-0	PBY-5	28F6324	1

REQUIREMENTS PER AIRPLANE

REPLACES — .02 CALC. WT.

REPLACED BY — ACT. WT.

LIMIT ON ENGINEERING UNLESS OTHERWISE SPECIFIED + 1/32 − 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-6	.125 DIA × 3 3/8 WIRE	CORR. RESIST	AN-QQ-W-423 COND A	1									
-7	.125 DIA × 5 1/4 WIRE	CORR. RESIST	AN-QQ-W-423 COND A	1									

AC			BRANDIS	GERBER	ELDER	GROVER	ZUCK
NAVY NONE	P-GP	PERIVOLARIS				8-19-42	WOLD
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG.

NAME LINK ASSY ARMT-BOW TURRET - LOCK EMERGENCY RELEASE

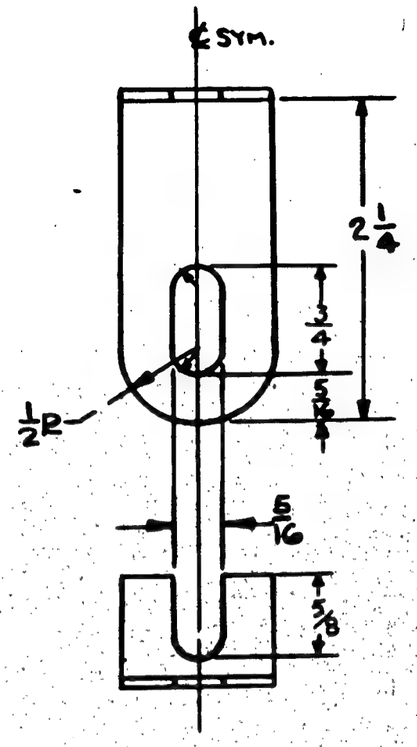
OPP. HAND

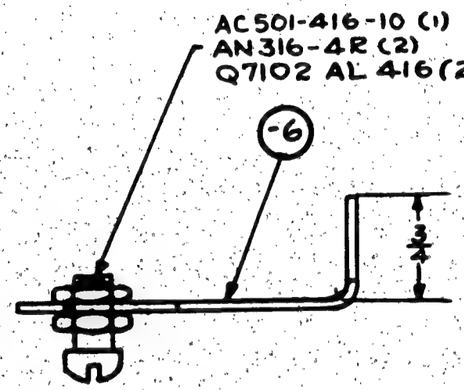
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — 28F6323

R 8 27 42

LET	ALTERATION	DATE	BY
A	IN B/M .091 WAS .093	9-17-42	Crain 6r





FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIME

C*88477 S.0.952-9-1
C*77713 S.0.949-16-2-1
C*88476 S0.953-41
C*91876 S.0.955-26-1

ASSY. DASH No.	MODEL	NEXT ASSY.	REQ.
-0	PBY-5B	28F6321	1
-0	PBY-5A	28F6321	1
-0	PBY-5	28F6321	1

REQUIREMENTS PER AIRPLANE

REPLACES — .05 CALC. WT.

REPLACED BY — ACT. WT.

UNLESS OTHERWISE SPECIFIED 1/32 ± — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
AC501-416-10				1									
AN316-4R						2							
Q7102AL416								2					
-6	.091 x 3 1/8 x 1 1/8	ALCLAD	4748-T	1									

PARTS LIST PER ASSY.

AC			BRANDYS	CLARK	ELDER	GROVER	ZUCK
NAVY NONE	Z-6 P-GP	PERIVOLARIS				8-19-42	WOLD
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

OPP. HAND

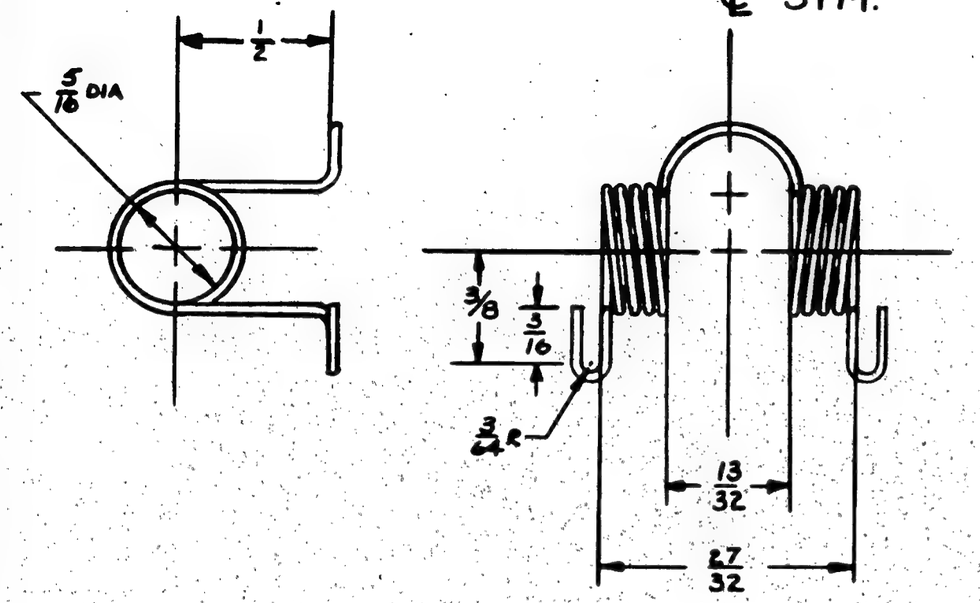
NAME BRKT ASSY-ARMT-BOW - TURRET LOCK EMERGENCY RELEASE

CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO, CALIF.

DWG. B SIZE 28F6324

R

LET	ALTERATION	DATE	BY



FINISH - CAD PLATE
P-27 PRIMER
GREEN PRIME

PURCHASE TO DWG.

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28F5444	1
	PBY-5A	28F5444	1
	PBY-5	28F5444	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. .08

REPLACED BY — ACT. WT.

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/64

SCALE 24"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.092 DIA	MUSIC WIRE	AN-QQ-W-461	1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		LMN					
NAVY SPRING TEMPERED	CADM. PLATE C-P-QP	8-25-42					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME SPRING - ARM'T. - BOW GUN READY LATCH

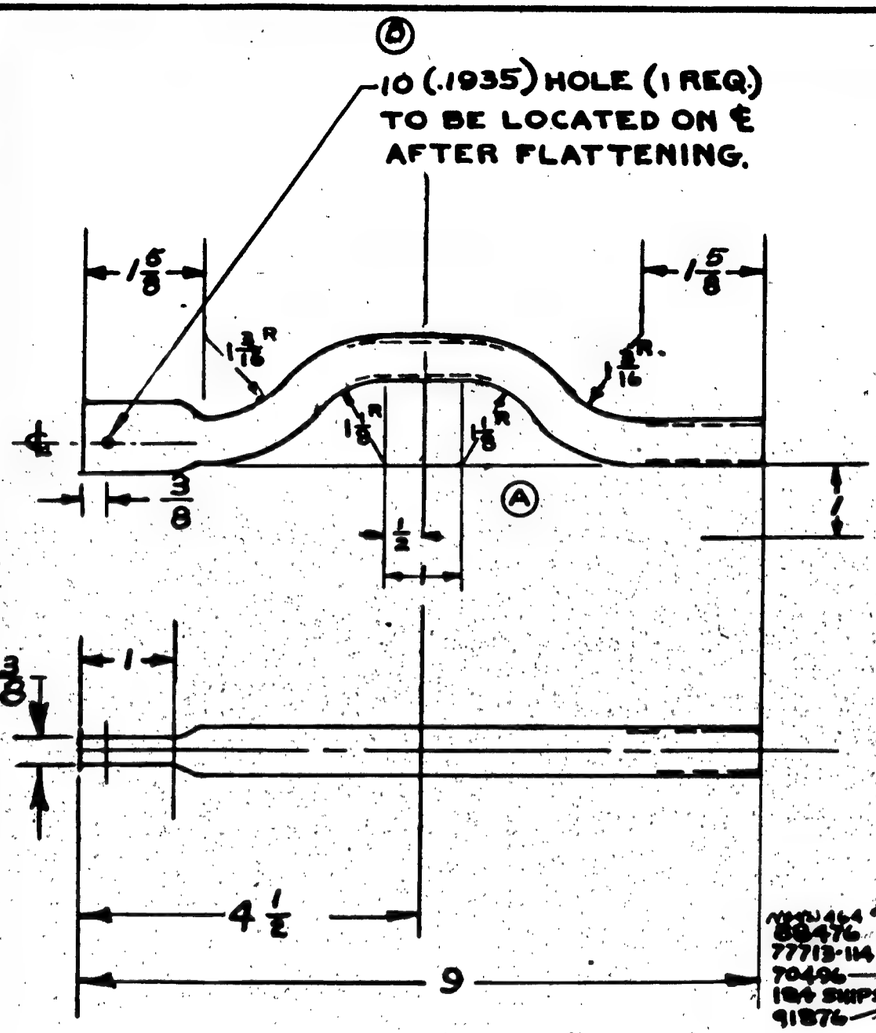
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

SIZE B

28F6327

CN 8/7/42



E.O. # A894534

LET	ALTERATION	DATE	BY
A	1/16" W. (2 PLCS) WAS 1/8"		
	2 PLCS) 1 1/8" (2 PLCS) WAS 1 3/4" R		
	(1 PLC), C.R. STEEL TUBE WAS ALUM		
	ALLOY TUBE, SPEC AN-W-T-850		
	COND.(N)(1) WAS 4-4 FINISH		
	C-P-6P WAS 2-P-6P. WT. CHG. REQ.	2-3-43	[illegible]
B	ADDED ℄ OF HOLE & NOTE:		
	TO BE LOCATED ON ℄ AFTER FLATTEN		
	NO WT. CHG.	2-3-43	[illegible]
C	REMOVED NOTE: "FINISH -		
	ANODIZE, P-27 & GREEN PRIME."		
	NO WT. CHG.	9-15-43	[illegible]

28F6328

LAST DASH NO.	MODEL	NEXT ASSY.	REQ.
	28F5468	28F5467	1
	28F5468	28F5462	1
	28F5468	28F5464	1

MAKE 464 #1-100
88476
77713-114 SHIPS
70496
184 SHIPS
91876

REQUIREMENTS PER AIRPLANE

REPLACES — .063 CALC. WT.

REPLACED BY — ACT. WT.

LIGHT ON DRAWINGS UNLESS OTHERWISE SPECIFIED + 1/32 −

SCALE 6"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.	.035 X 5/8 O.D. X 10	CRES TUBE	AN-W-T-850 COND N (1)	-0		-2		-3		-4		-5	

AC		LINN			
NAVY	C-P-6P	B-2540			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME TUBE - ARM'T - BOW GUN READY LATCH

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

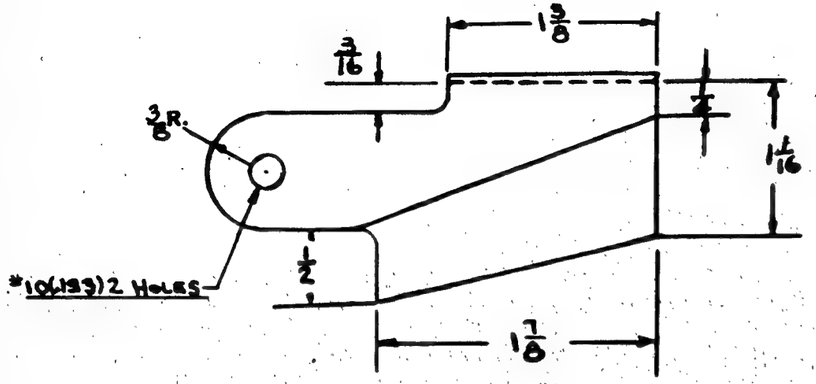
OPP. HAND

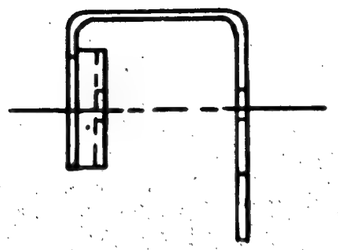
SIZE B

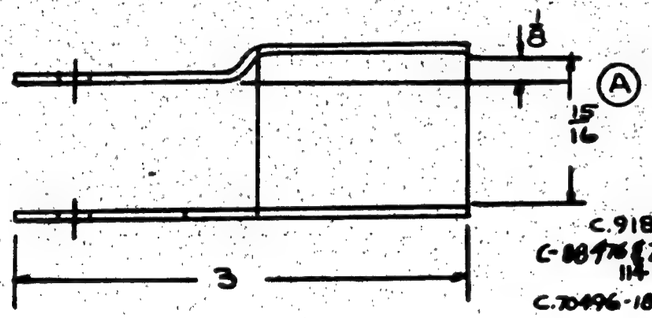
28F6328

E.O.A90934-

LET	ALTERATION	DATE	BY
A	CHG'D DIMS 1/8, WAS 3/16 - 15/16 WAS 1 1/16		
	REV. REQMTS/ASRP BLK. NEG WT. CHG.	12-30-42	







C.91876 →
C-88476 (77713 114 SHIPS) →
C.70496-184 SHIPS →

NOTE: ALL BEND & RELIEF R 1/8

FINISH-
ANODIZE
P-27 PRIMER
GREEN PRIMER

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5	28F5464	1
	PBY-5A	28F5464	1
	PBY-5B	28F5464	1
	PBY-5A	28F5464	1
	PBY-5	28F5464	1

REQUIREMENTS PER AIRPLANE

REPLACES -05 CALC. WT.

REPLACED BY ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + − 1/32 | SCALE, 12 · 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY				-0		-2		-3		-4		-5	
	.064X3 1/8X2 3/4	ALCLAD	17ASO-T										

AC		7-15-42					
NAVY	2-P-G-P						
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG

NAME BRACKET-ARM'T-Bow Gun Ready Latch

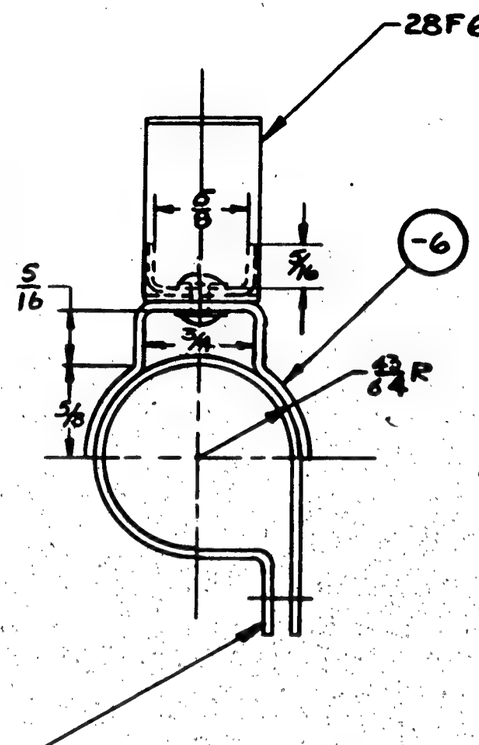
OPP. HAND

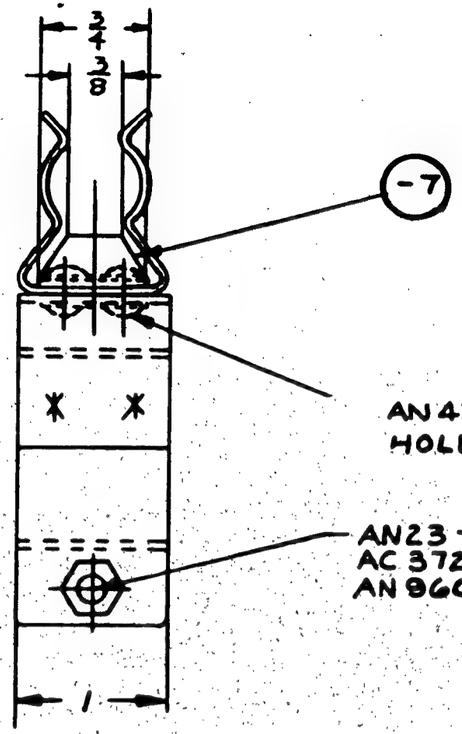
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.

DWG. B SIZE 28F6329

R

E.O.	LET	ALTERATION	DATE	BY
	A	IN B/M-AN455-4-10-2 REQ'D. MAS Q4505-AD4-2 REQ'D-REMOVED		
		Q7005-ALB-016-4 REQ'D. NO WT. CHG.	12-30-42	BRANDON
E.O. A 64153	B	IN B/M, -5 .062 x 1⅛ x 5 5/16 C.M. STEEL AN-QQ-S-685, MAS .064 x 1⅛ x 5 5/16 C.M. 1025 STEEL AN-QQ-S-685; -7 .030 x 7/8 x 1¼ C.M. STEEL AN-QQ-S-685, MAS .030 x ⅞ x C.M. 1025 STL. AN-QQ-S-685, -6 .062 x 1⅛ x 3 C.M. STEEL AN-QQ-S-685, MAS .064 x 1⅛ x 3 C.M. 1025 STL. AN-QQ-S-685 NO WT. CHG.	12-30-42	[illegible]





(A) AN 435-4-10 (2 REQ.)
HOLES TO MATCH 28F6326

AN23-8A BOLT (1 REQ.)
AC 372-1032 NUT (1 REQ.)
AN 960C10L WASHER (2 REQ.)

FINISH
CAD PLATE
P-27 PRIMER
GREEN PRIME

(-8) ALL DIM. THE SAME AS Q908-20 EXCEPT WIDTH = 1

184 SHIPS C-70496
114 SHIPS C-88476 & 77713
C.91876
C.70496 -184 SHIPS

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28F5464	1
	PBY-5A	28F5464	1
	PBY-5	28F5464	1

REQUIREMENTS PER AIRPLANE

REPLACES .18 CALC. WT.

REPLACED BY ACT. WT.

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/64

SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
AN455-4-10				2									
AN23-8A				1									
AC372-1032				1									
AN960C10L				1									
28F6326				1									
-8	.062 x 1⅛ x 5 5/16	C.M. STEEL	AN-QQ-S-685	1									
-7	.030 x ⅞ x 1¼	C.M. STEEL	AN-QQ-S-685	1									
-6	.062 x 1⅛ x 3	C.M. STEEL	AN-QQ-S-685	1									

PARTS LIST PER ASSY.

AC		LINN					
NAVY	C-P-GP	8-25-42				1-3-43	[illegible]
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME ASS'Y CLAMP - ARM'T. BOW GUN READY LATCH

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

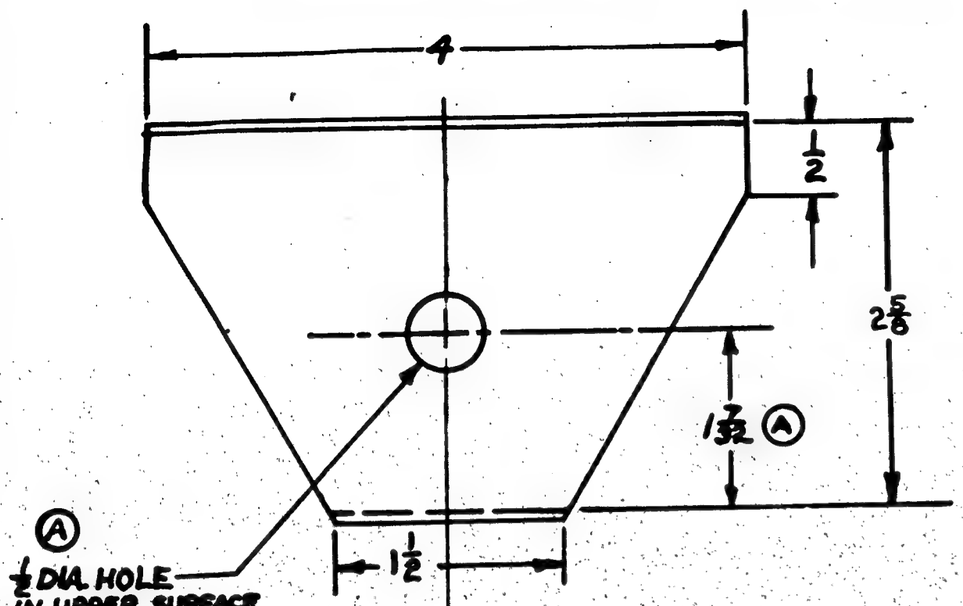
OPP. HAND

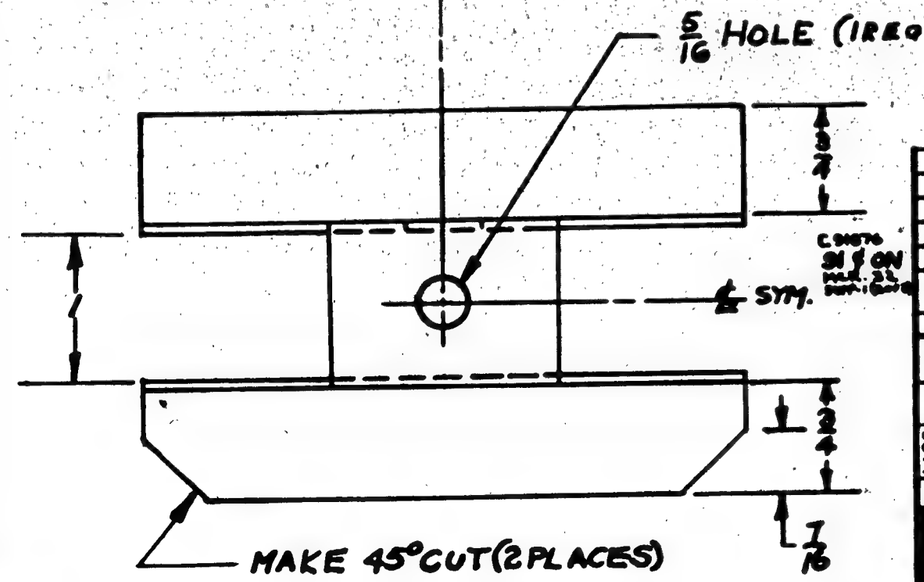
SIZE B

28F6332

R

E.O. NO.	LET	ALTERATION	DATE	BY
E.O. A64110	A	ADDED 1/2 DIA HOLE E		
		1 1/32 DIM. ADDED.		
		NOTE. WT. CHG. NEG.	12-12-41	SMITH
E.O. A03581 PER R.32 - SUPERSEDED	B	REMOVED -7. NO WT. CHG.	1-20-42	[illegible]





ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
-6	PBY-5	28A5152	2

REQUIREMENTS PER AIRPLANE

REPLACES .18 GALS. WT.

REPLACED BY ACT. WT.

LOCK ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 | SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-6	.051 x 7 1/8 x 4 1/8	ALCLAD	47AB-T										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		FLAT PATTERN	LINN				
NAVY —	Z-P-GP	9-9-42					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRACKET-ARMAMENT-MK51-5 ARMING CONTROL

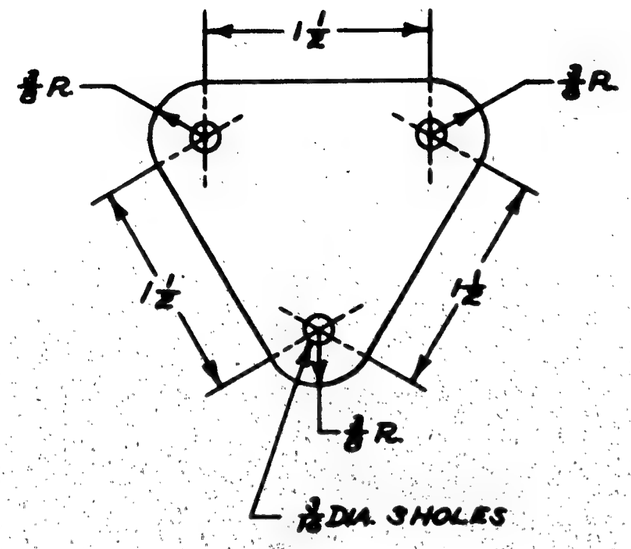
OPP. HAND

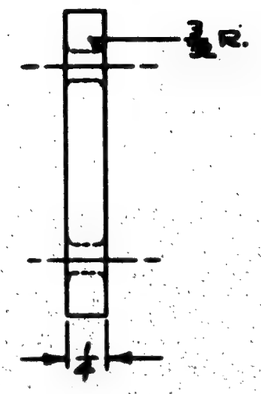
CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO, CALIF.

SIZE B DWG. 28F6333

R 8

LET	ALTERATION	DATE	BY





Ream Holes 3-21-44

PURCHASE TO D'WGS.

CONTRACT 91876 ONLY
70496
77713
88476

PBY-5 ORIGINAL
PBY-5A ORIGINAL

ASSY. USED ON	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES — Engg. Wy.

REPLACED BY — Adv. Wy.

SCALE 12"/40"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC	BAKELITE VARNISH	Finishes		Glen		Robert Miller		
NAVY NONE	B.V. CUT SURFACES	21742	21-31 Fabricating	A.L.	3-22-44			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME INSULATOR-FURNS.-
R3003 ANTENNA.

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

OPP. HAND NONE.

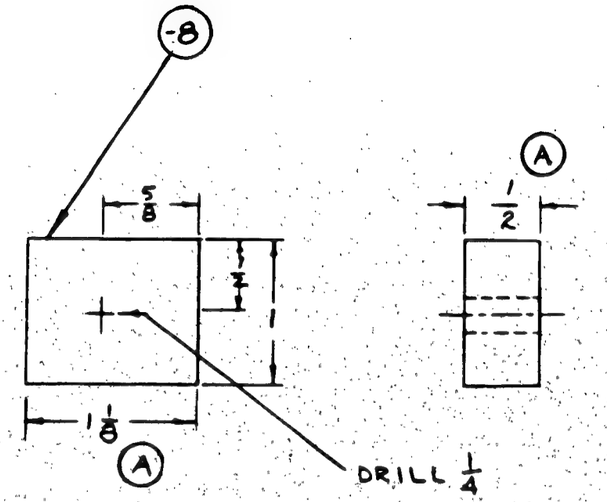
SIZE B

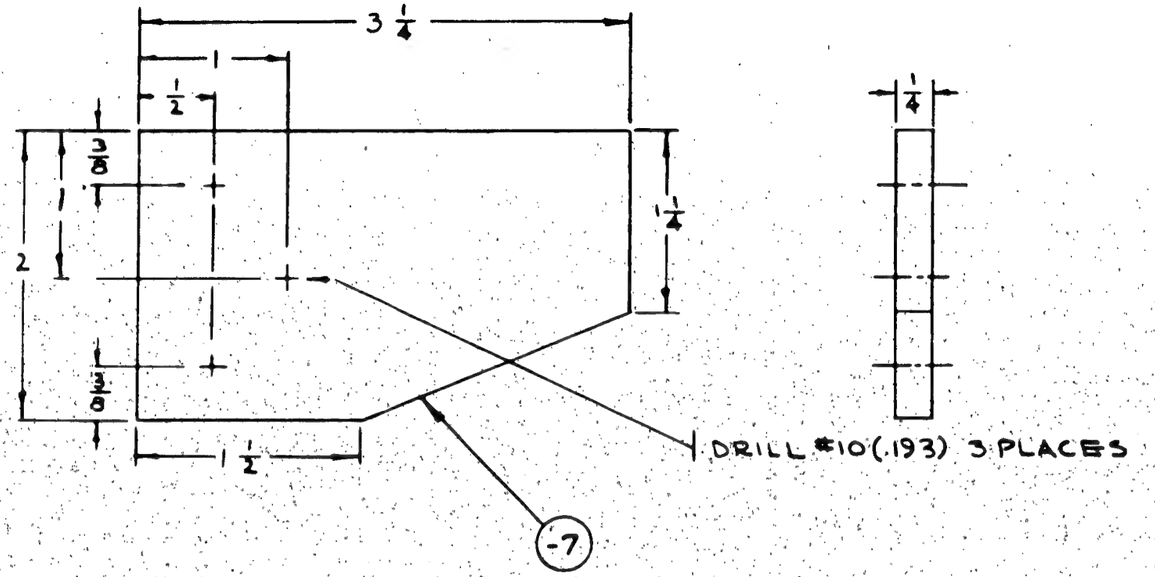
28F6416

R

LET	ALTERATION	DATE	BY
A	DIM. 1 1/8 WAS 1 1/4. DIM. 1/2 WAS 1/4. REPLACED -6 WITH -8. STOCK SIZE .5 x 1 1/8 x 1 1/4 WAS .25 x 1 1/8 x 1 3/8. WT. CHG.		
	NEG	5-19-42	MINOLA MCEVOY

E.O. 40409





NOTE: THIS DWG MADE AS PER E.O. A38783 OF 4/5/42

C.#77713 & ON → -7 PBY-5B 28F5354 2
C.#91876 & ON → -7 PBY-5A 28F5354 2
-7 PBY-5 28F5354 2
C.#77713 & ON → -8 PBY-5B 28F5354 4
C.#91876 & ON → -8 PBY-5A 28F5354 4
-8 PBY-5 28F5354 4

ASSY DASH NO	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

REPLACES .20 CALC WT

REPLACED BY ACT WT

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 1'0" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PURCHASE TO DWG.

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-8	.5 x 1 1/8 x 1 1/4	LAM. PHENOL	17P5-FBG-5										
-7	.250 x 2 1/8 x 3 3/8	LAM. PHENOL	17P5-FBG-5										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		4/13/42	4/13/42	GERBER		GROSSMAN			
NAVY		KIRKWOOD	ANTHONY		JC	4/22/42	ZUCK		
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MET	APPROV	ENG		

NAME STOP-F-PILOTS ARMORED SEAT

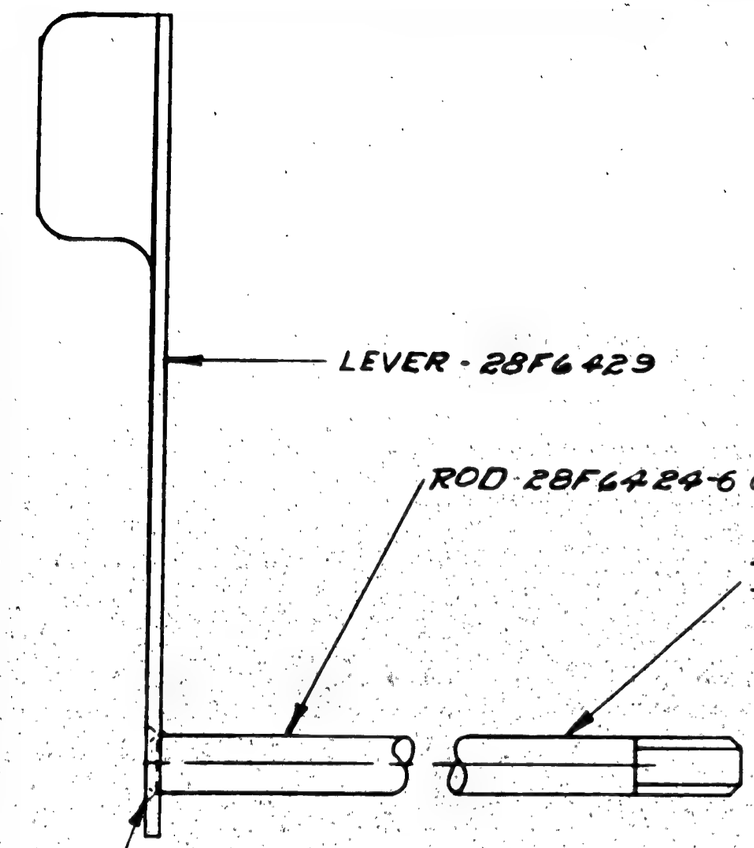
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.

DWG B SIZE 28F6419

CH 4 22 42

LET	ALTERATION	DATE	BY



ASSY DASH NO	MODEL	NEXT ASSY	REQ
-7	PBY-5A	28F6420	1
-6	PBY-5A	28F6420	1

REQUIREMENTS PER AIRPLANE

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: NONE

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
28F6429				1									
28F6424-7				1									
-7	SUB ASS'Y												
28F6429					1								
28F6424-6					1								
-6	SUB ASSY												

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC		FOREMAN				
NAVY NORMALIZE	CAD PLATE ANQQ P 421	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG
HEAT TREAT	FINISH					

NAME ASS'Y-FURN-PILOTS VISUAL INDICATOR LOCK LEVER

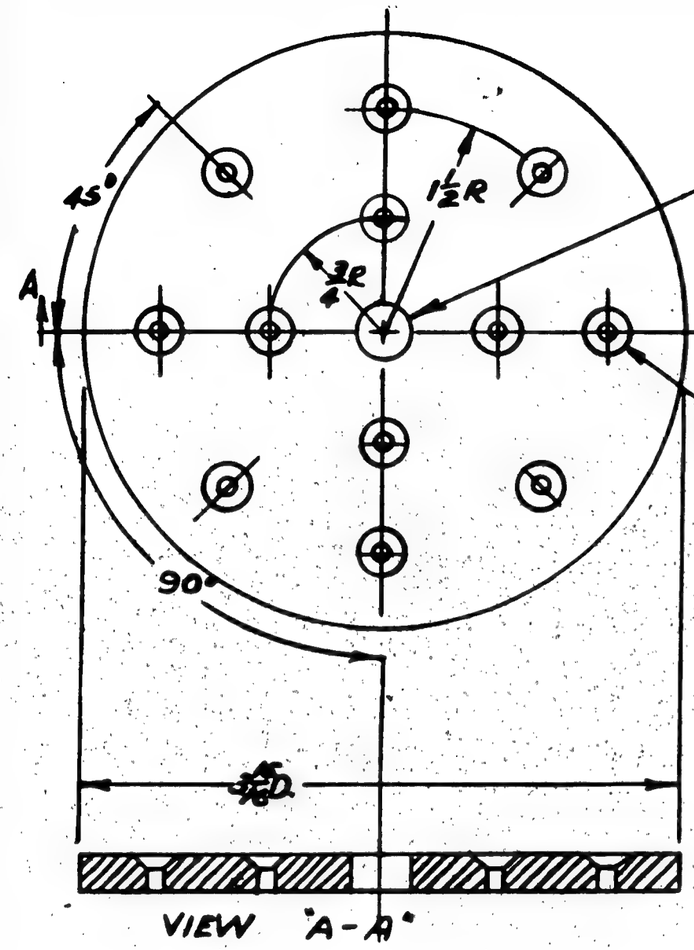
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF

OPP. HAND NONE

DWG. B SIZE 28F6427

R

LET	ALTERATION	DATE	BY



VIEW "A-A"

#W(386) 1 HOLE

#30(128) 12 HOLES
CTSK 5/16 DIA. 115°

FINISH-BAKELITE VARNISH

PURCHASE TO DWG.

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28F6425	4
	PBY-5A	28F6432	4

REQUIREMENTS PER AIRPLANE

REPLACES .15 CALC. WT.

REPLACED BY ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 ½°

SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	#1/4 X 4 1/8 X 4 1/8	LOW SWEN	1225-BRGS										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		BROTHER MICH	SELECT 7-23-42				
NAVY NONE	B.V. CUT SURF.	7/3/42				9-11-42	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG.

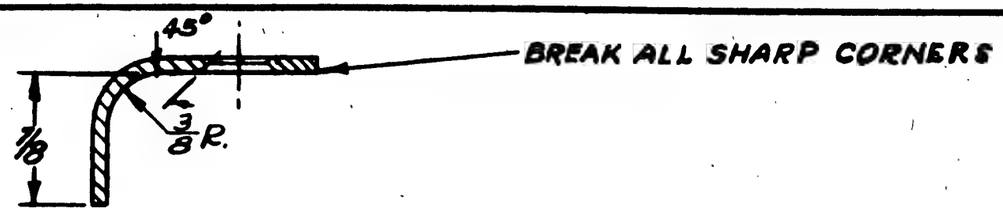
NAME BLOCK-FURN-PILOTS
VISUAL INDICATOR FRICTION

OPP. HAND NONE

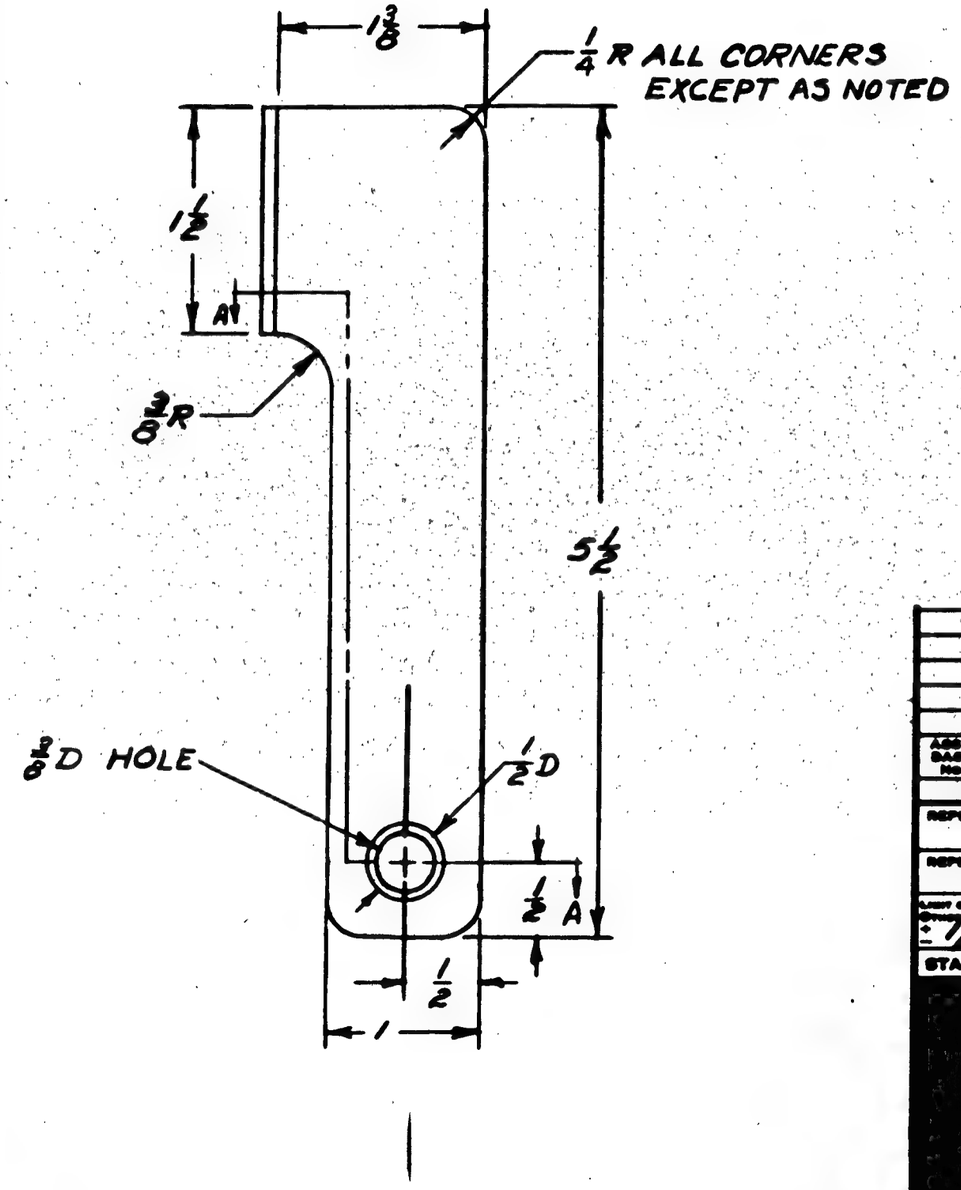
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B 28F6428

R



SECT A-A



LET	ALTERATION	DATE	BY

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28F6477-2	

REQUIREMENTS PER AIRPLANE

REPLACES	.68 CALC. WT.
REPLACED BY	ASY. WT.

ALLOW ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
	.083 X 2 1/2 X 5 3/4	CHR. MOLY	AN 00-5 A66										

AC		DESIGN APPR. 8/27/40	RELEASED 7-31-40					
NAVY NONE	NONE							
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME LEVER-FURL-PILOTS VISUAL INDICATOR LOCK

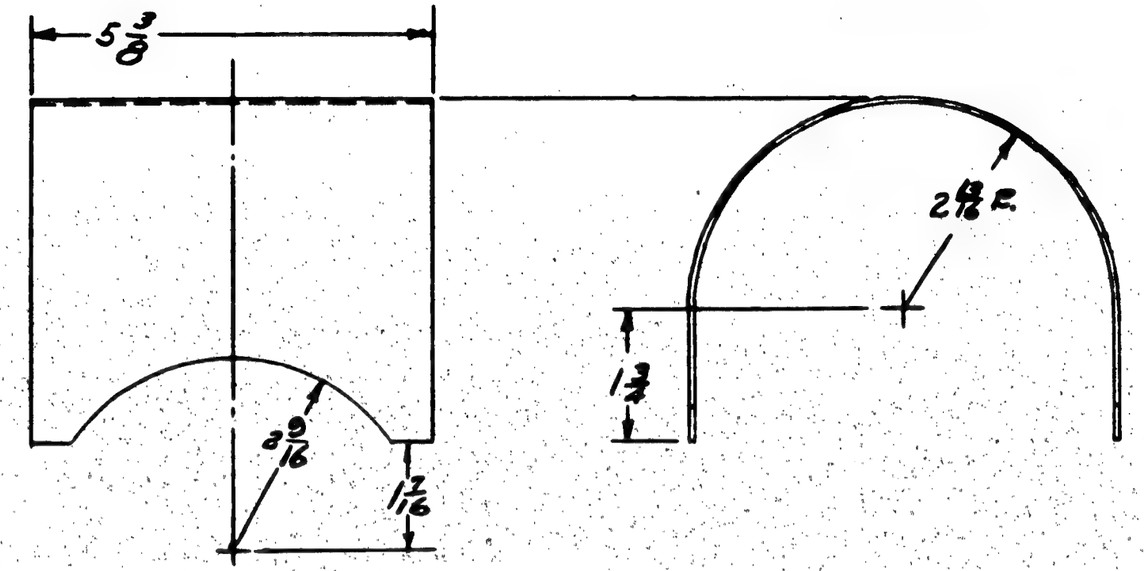
OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F6429

R

LET	ALTERATION	DATE	BY



FINISH
Z-ANODIZE
P-P 27 PRIMER
GP-GREEN PRIME

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.
	P8Y-5A	28F6430	1

REQUIREMENTS PER AIRPLANE

REPLACES	.20 CALC WT.
REPLACED BY	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 6"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
	0.51 X 5 3/8 X R.H.	24ST ALC	47AB-T										

AC		CHANGE	1-2				
NAVY NONE	Z-P-GP	4-4-42					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG.

NAME BRACKET-FURN-PILOTS VISUAL INDICATOR TIE

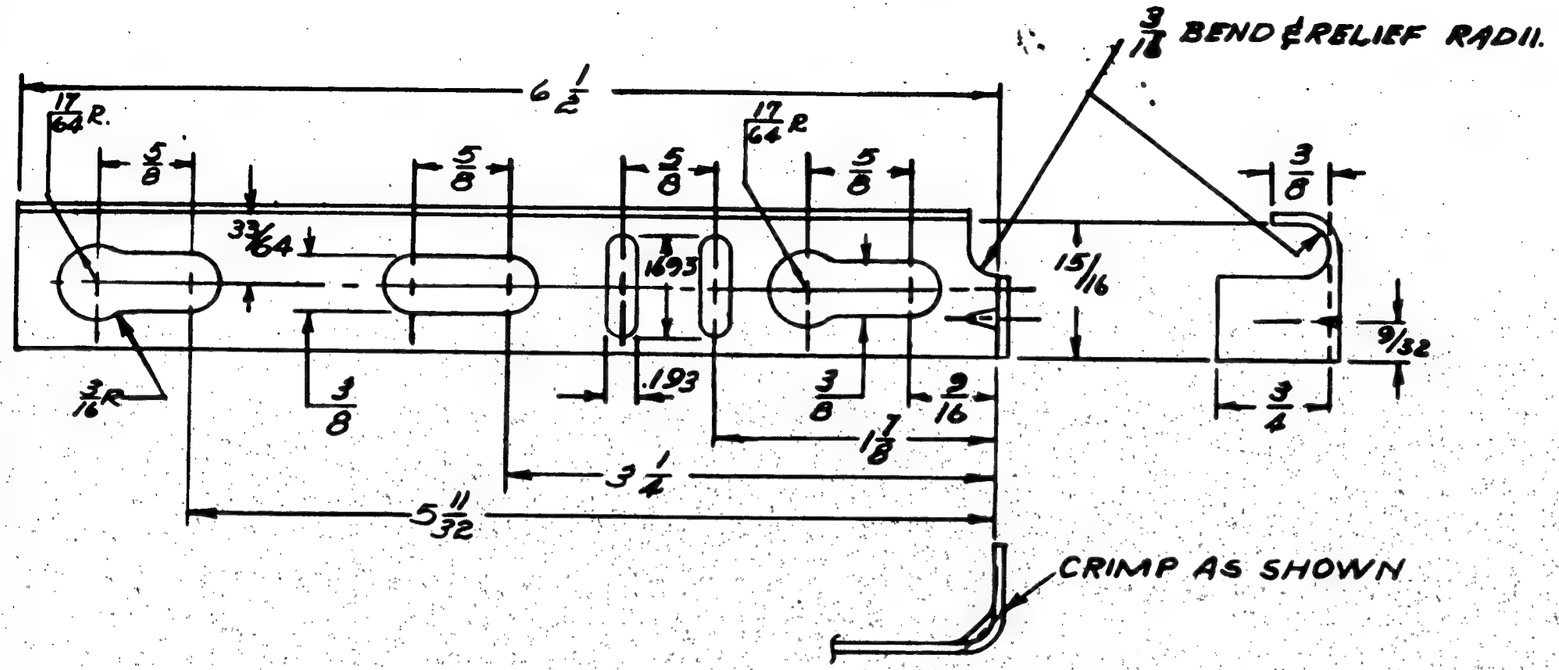
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B DWG. 28F6430

R

LET	ALTERATION	DATE	BY



-R	PBY-5A	28F6438	1
-L	PBY-5A	28F6437	1
ASSY. BASIN NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES	.16 CALC. WT.
REPLACED BY	ACT. WT.

ADD ON DRAWING TOLERANCE .010 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
	.040 X 15/8 X 7"	CHR MOLY	AN-QQ-S685										

* PARTS LIST PER ASSY.

AC		OTHER MICH	7-28-42					
NAVY NONE	CAD PLATE - POLISH AN-QQ-P-416	DRAFT 7/28/42	CHECK	STRUCT.	MAT.	APPROV.	ENG.	
HEAT TREAT	FINISH							

NAME SLIDE-FURN PILOTS VISUAL INDICATOR SNAPSLIDE

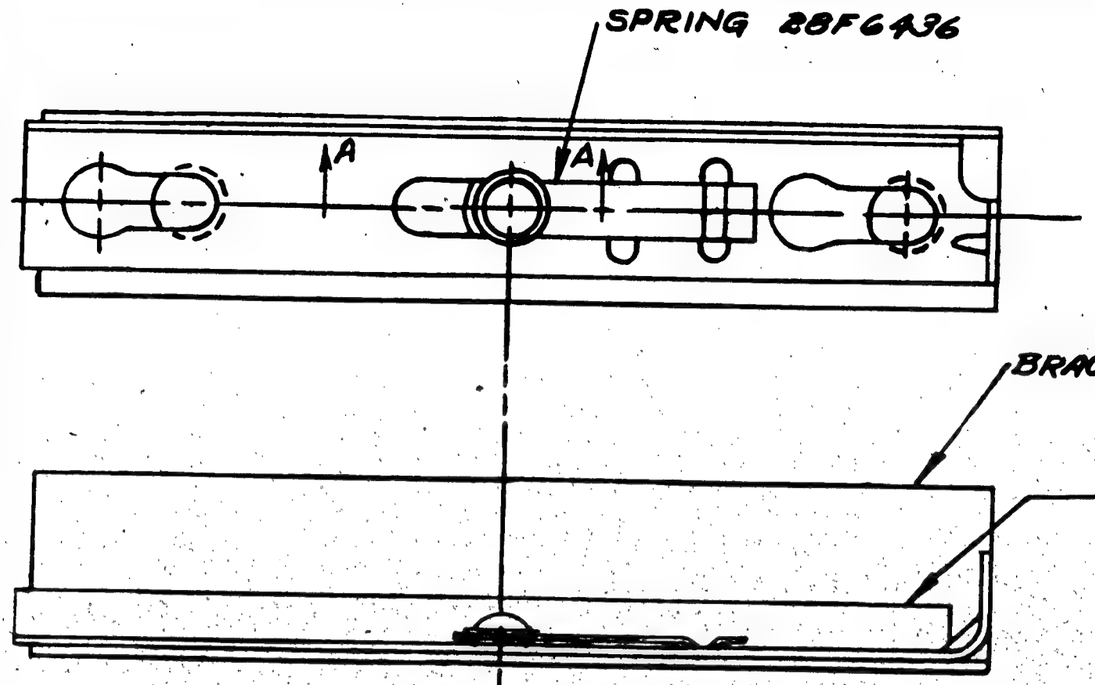
OPP. HAND 28F6437-R

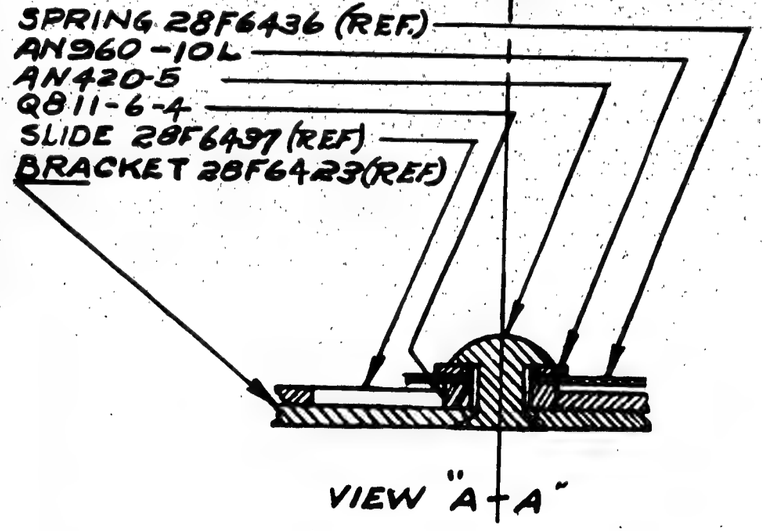
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — 28F6437

R

LET	ALTERATION	DATE	BY





VIEW "A-A"

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
R	PBY-5A	28F6438	1
L	PBY-5A	28F6438-2	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

LIMIT OR ENGINEERING WORKING OPERATION + NONE − | SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
Q811-6-4													
AN420-6-5													
AN960-10L													
28F6437-R													
28F6437-L													
28F6436													
28F6423-R													
28F6423-L													

PARTS LIST PER ASSY.

AC		MATERIAL MARK	7-28
NAVY NONE	NONE	4/1	
HEAT TREAT	FINISH	DRAFT	CHECK

STRUCT. — MAT. — APPROV. — ENG. — 9-11-42

NAME ASS'Y-FURN-PILOTS VISUAL INDICATOR SNAPSLIDE

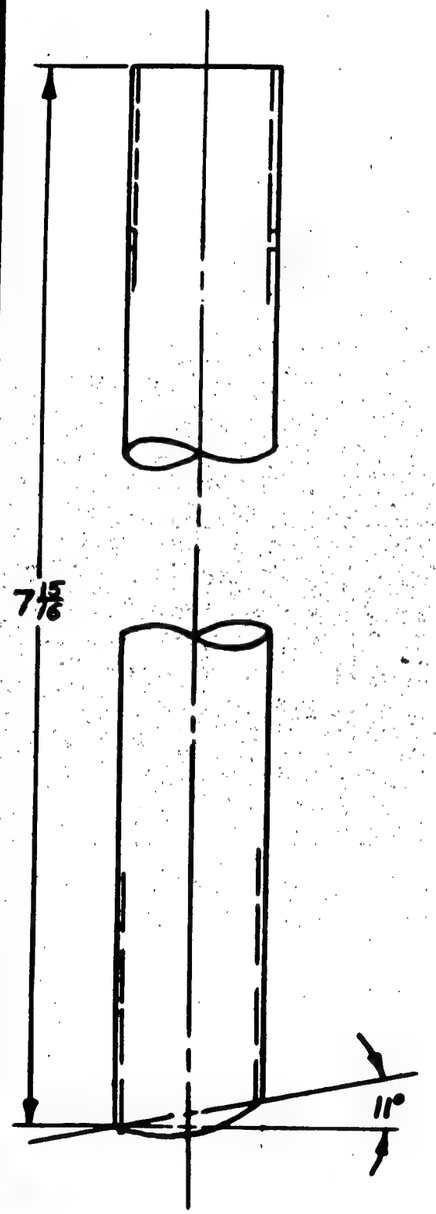
OPP. HAND 28F6438-R

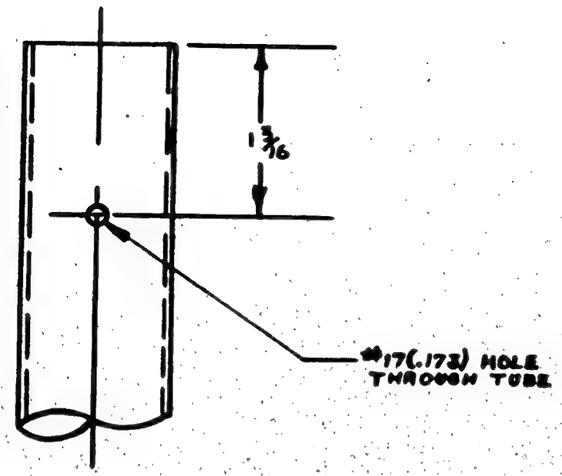
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

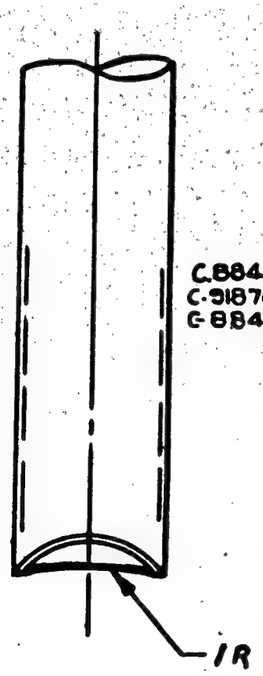
SIZE B — 28F6438

R

LET	ALTERATION	DATE	BY







C-88477(1S1CON)
C-91876(91CON)
C-88476(53CON)

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ
	PBY-5B	28F6451	1
	PBY-5	28F6451	1
	PBY-5A	28F6451	1

REQUIREMENTS PER AIRPLANE

REPLACES .12 CALC. WT.

REPLACED BY ADV. WT.

LIMIT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 | SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	ø.042x.120 x 8 1/2	AAL 53 SO	WWT 707										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		MITCHELL	SIMS W.G.	DENEEN	LUER		J.C.H.
NAVY NONE	NONE	6-26-42	7-14 VEW			ARM-STRONG	WOLD
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME TUBE-FURN-ABK ANTENNA MAST SUPPORT

OPP. HAND NONE

SIZE B

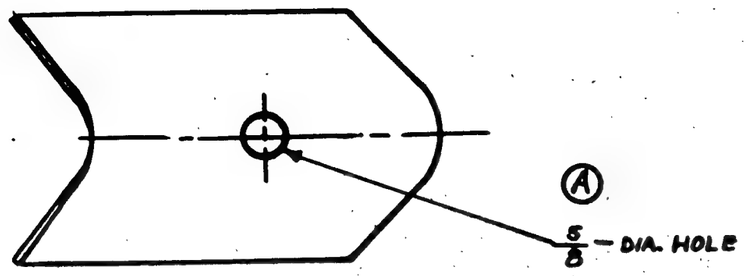
28F6448

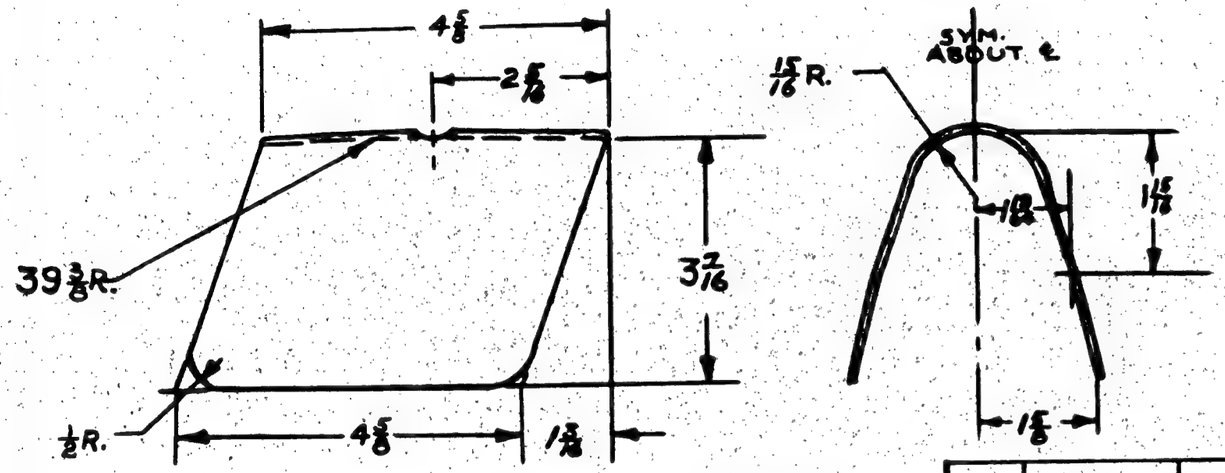
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

R

ED 84088 —

LET	ALTERATION	DATE	BY
A	CHG 5/8 DIA HOLE WAS 1/2		
	DIA HOLE NO WT CHG	41-43	BAKKO





C. 88477 (151 ℄ ON)
C-91876 (91 ℄ ON)
C. 88476 (53 ℄ ON)

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ'D
	PBY-5B	28F6451	1
	PBY-5	28F6451	1
	PBY-5A	28F6451	1

REQUIREMENTS PER AIRPLANE

REPLACES .17 CALC. WT.

REPLACED BY ACT. WT.

LIGHT ON SMOOTHING UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 6" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.
	-6.051 x 6 x B 1/4	AL. AL. 5250	47A11 TEMPA

PARTS LIST PER ASSY.

LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-0		-2		-3		-4		-5	

AC		MITCH-ELL	SIMS W.S.	GER-BER	ELDER		J.C.H
NAVY NONE	NONE	6-26-42	V.E.W. 7-14			ARM-STRONG	WOLD
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT.	APPROV	ENG

NAME MOUNTING BASE - FURN - ABK
ANTENNA MAST SUPPORT

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

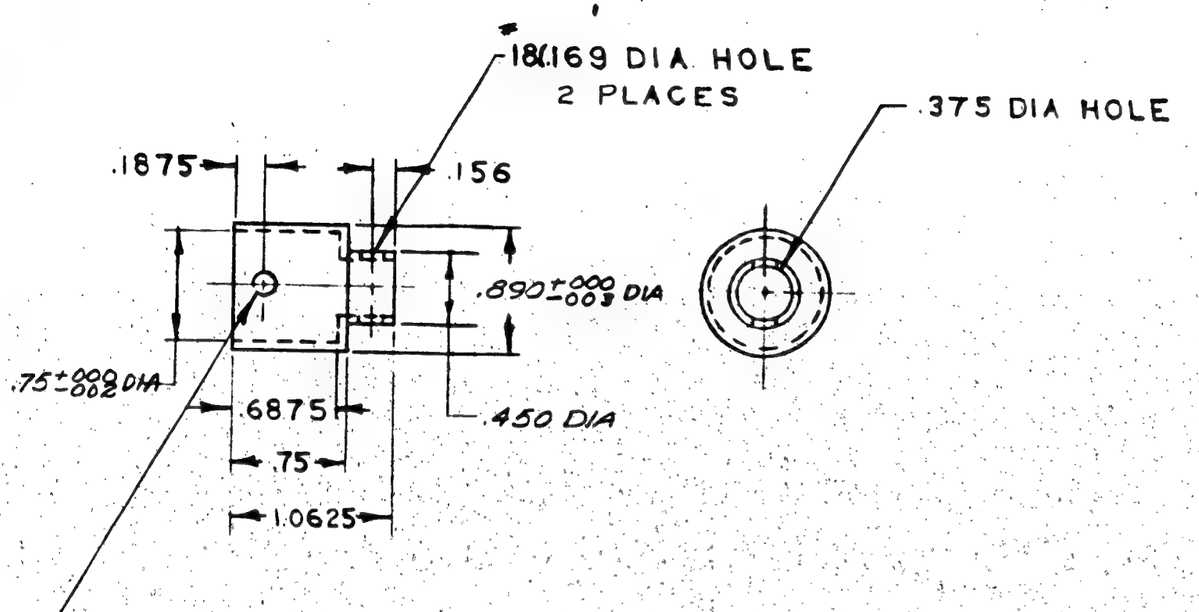
OPP. HAND NONE

DWG. B SIZE 28F6452

R

LET	ALTERATION	DATE	BY
D	TRACED NO WT. CHG.	10-13-43	ROBERTS

28F6453



MCR 12-58 TO MCR 232D
MCR 232D
MCR 12-58

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28F7596	1
	PBY-5A	28F6454	1
	PBY-5	28F6454	1
	PBY-5B	28F6454	1

REQUIREMENTS PER AIRPLANE

REPLACES 28F6453 OF 7/32 .03 CALC. WT.

REPLACED BY ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .032

SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
	1 O.D. x 1 1/8	BRASS ROD	QQ-B-611										

PARTS LIST PER ASSY.

AC		MITCHELL	W.G. SIMS	GERBER
NAVY NONE	SILVER & CAD PLATE	7-2-42	V.E.W. 7-14	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.

ELDER			J.C.H.	
			WOLD 8-22	
MAT.	APPROV.		ENG.	

NAME FERRULE-FURN-ABK ANT. MAST.

OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

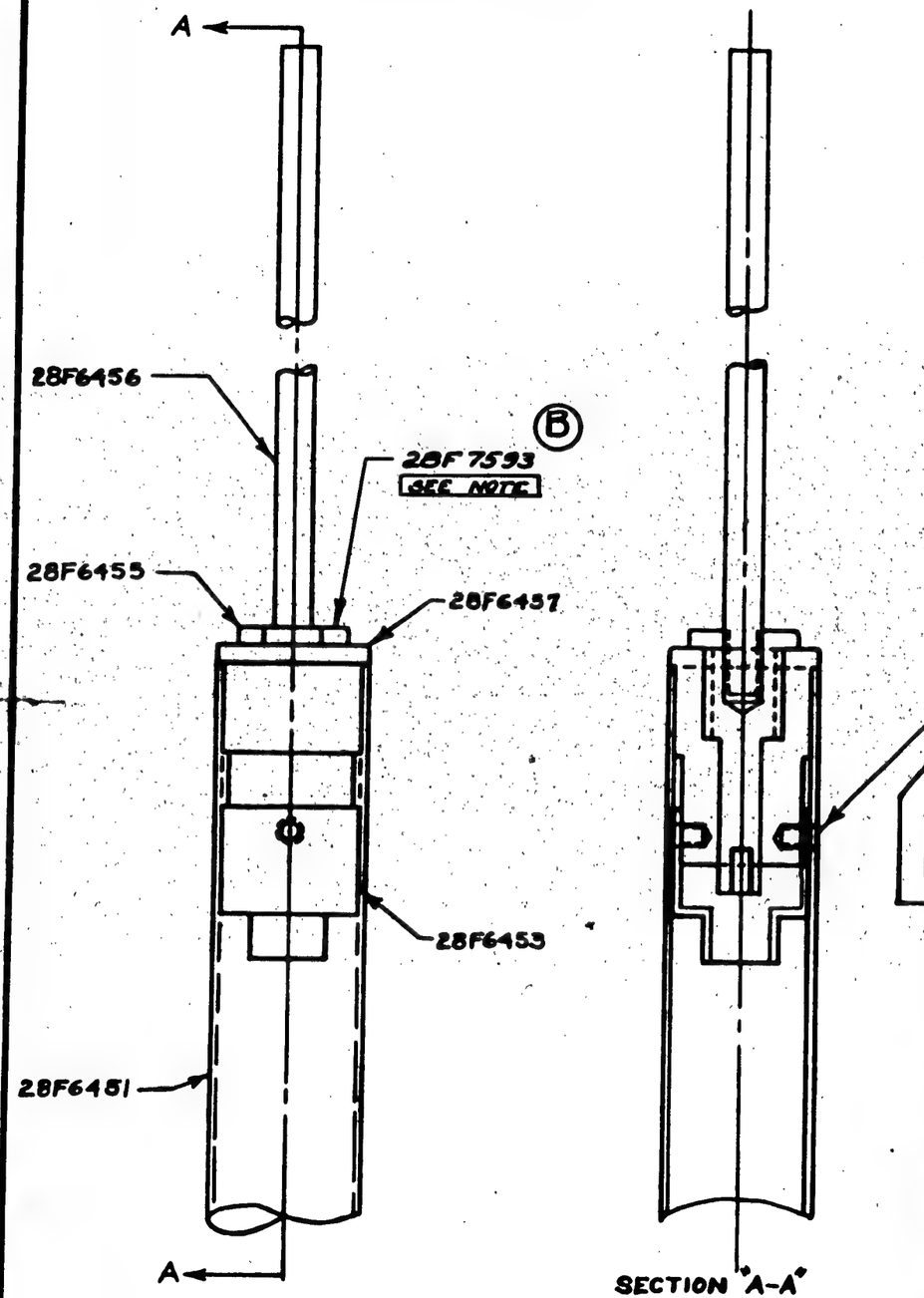
DWG. B SIZE 28F6453

NOTE
GIVEN DIM'S ARE FOR PART AFTER SILVER & CAD. PLATING

LET	ALTERATION	DATE	BY
	ON FACE OF DWG. & IN B/M AN515-8-5		
	(2) WAS AN 515-8-4(2) ADDED 936-A8		
	(2) IN B/M & FACE WT. CHG. NEG.		
		3-23-43	HLAWIN
B	ADDED 28F7593 & NOTE "B"		
	---REPLACEMENTS. NO WT. CHG.	6-12-43	
C	WEIGHT .65 WAS .65	6-12-43	

FLR21842

MCR232B



NOTE (28F7593) PER S.O. 955-43-10-3 TO BE SENT
(B) TO NAVY DESIGNATED DESTINATION FOR SERVICE REPLACEMENTS PER M.C.R. 232B.

ASSY. BASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28F6450	1
	PBY-5	28F6450	1
	PBY-5A	28F6450	1

REQUIREMENTS PER AIRPLANE

REPLACES — .65 CALC. WT.

REPLACED BY — ACT. WT.

UNLESS OTHERWISE SPECIFIED: SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH
28F7593	SEE NOTE			1					
AN 936-A8				2					
AN 515-8-5				2					
28F6451				1					
28F6456				1					
28F6457				1					
28F6455				1					
28F6453				1					

PARTS LIST PER ASSY.

I A C		MITCHELL	W.G. CASH	GERBER	ELDER			J.C.H.	
NAVY NONE	NONE	7-3-42	W.E.W. 7-14-43			ARM-STRONG		WOLD	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV		ENG.	

NAME MAST ASSEMBLY-FURN.-ABK ANTENNA

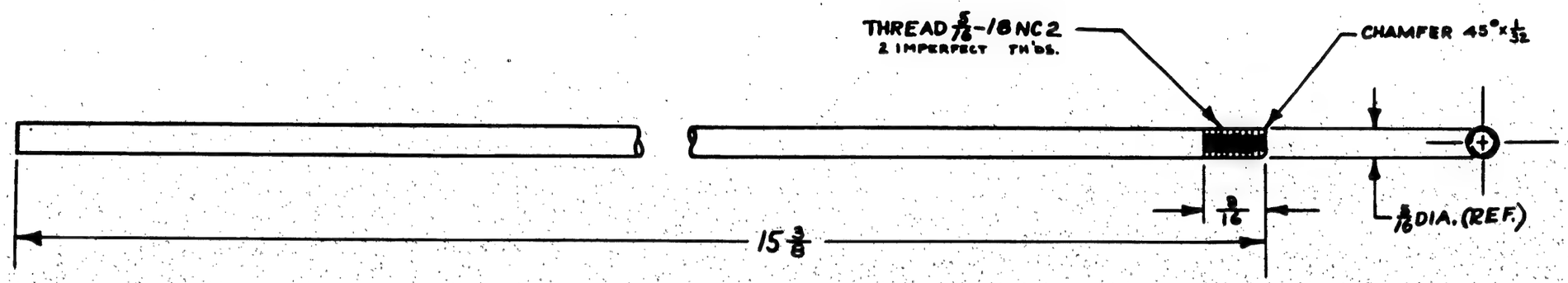
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

DWG. B SIZE 28F6454

R

LET	ALTERATION	DATE	BY



C.68477(151 ON) →
88476(53 ON) →
91876(91 ON) →

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ
	PBY-5B	28F6454	1
	PBY-5A	28F6454	1
	PBY-5	28F6454	1

REQUIREMENTS PER AIRPLANE

REPLACES — .23 GALC. WT.

REPLACED BY — ASY. WT

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-0	⌀ 5/16 DIA. × 15 1/2	BRASS ROD	47B2-H.H.										
-2													
-3													
-4													
-5													

PARTS LIST PER ASSY.

AC		MITCHELL	W. C. CASHIN	GERBER	ELDER			J.C.H.
NAVY NONE	SILVER & CAD. PLATE	7-2-42	VEW. 7-14-42			ARM-STRONG		WOLD
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT.	APPROV		ENG

NAME ELEMENT-FURN-ABK ANT. MAST

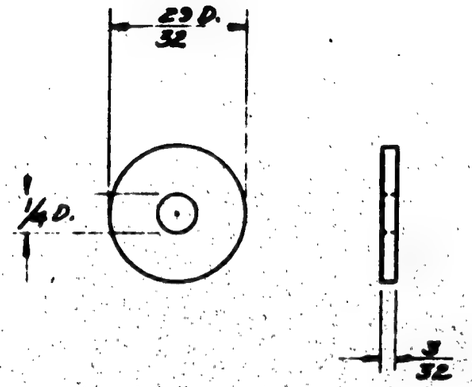
OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.

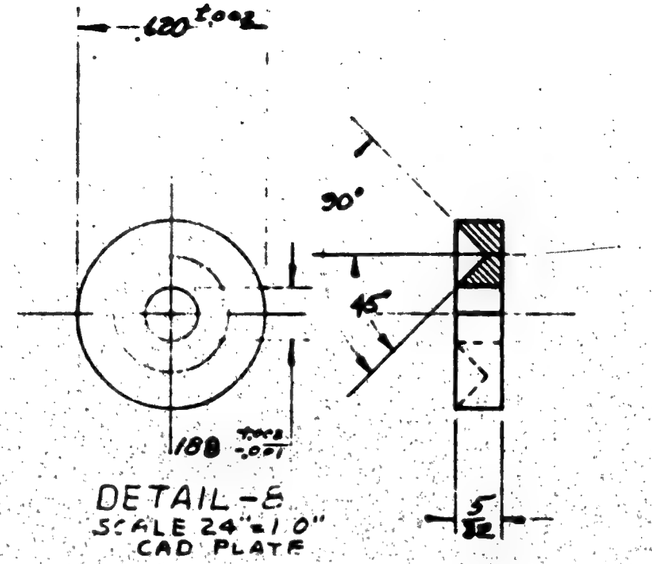
DWG. B SIZE 28F6456

R

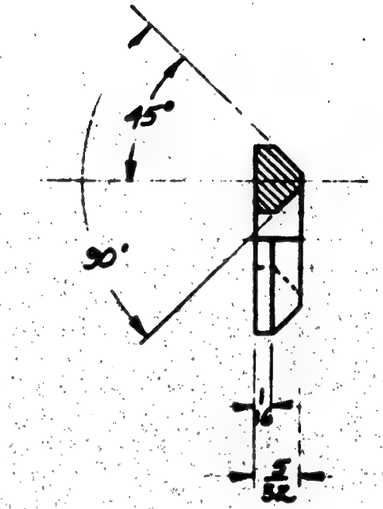
LET	ALTERATION	DATE	BY

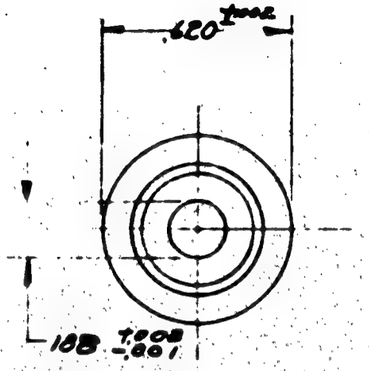


DETAIL-6
SCALE - FULL SIZE
ANODIZE



DETAIL-8
SCALE 24"=1.0"
CAD PLATE





DETAIL - 7 CAD PLATE
SCALE 24"=1'-0"

ASSY DASH NO	MODEL	NEXT ASSY	REQ
-5	PBY-5A	28F6619	1
-7	PBY-5A	28F6619	1
-6	PBY-5A	28F6619	1
-8	PBY-5A	28F6501	2
-7	"	"	2
-6	"	"	2

REQUIREMENTS PER AIRPLANE

REPLACES

REPLACED BY

LIGHT ON DRAWINGS UNLESS OTHERWISE SPECIFIED: 1/64

SCALE: NOTED

STAMP PART NUMBER WHERE SHOWN

PART No	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
-8	4½ Dia x 5 1/16	STEEL BAR	4782 M.M.										
-7	4½ DIA x 5 1/16	STEEL BAR	4782 M.M.										
-6	1" DIA. x 1/4	AL. ALL. BAR	4148 COND. T										

PARTS LIST PER ASSY.

AC		8-12-40	Lines	Green			
NAVY NONE	NOTED	SMILLIE 8-14-40		8/21/40			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG

NAME RETAINERS - NOSE WHEEL SEQ. VALVE - HYD. SYS.

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

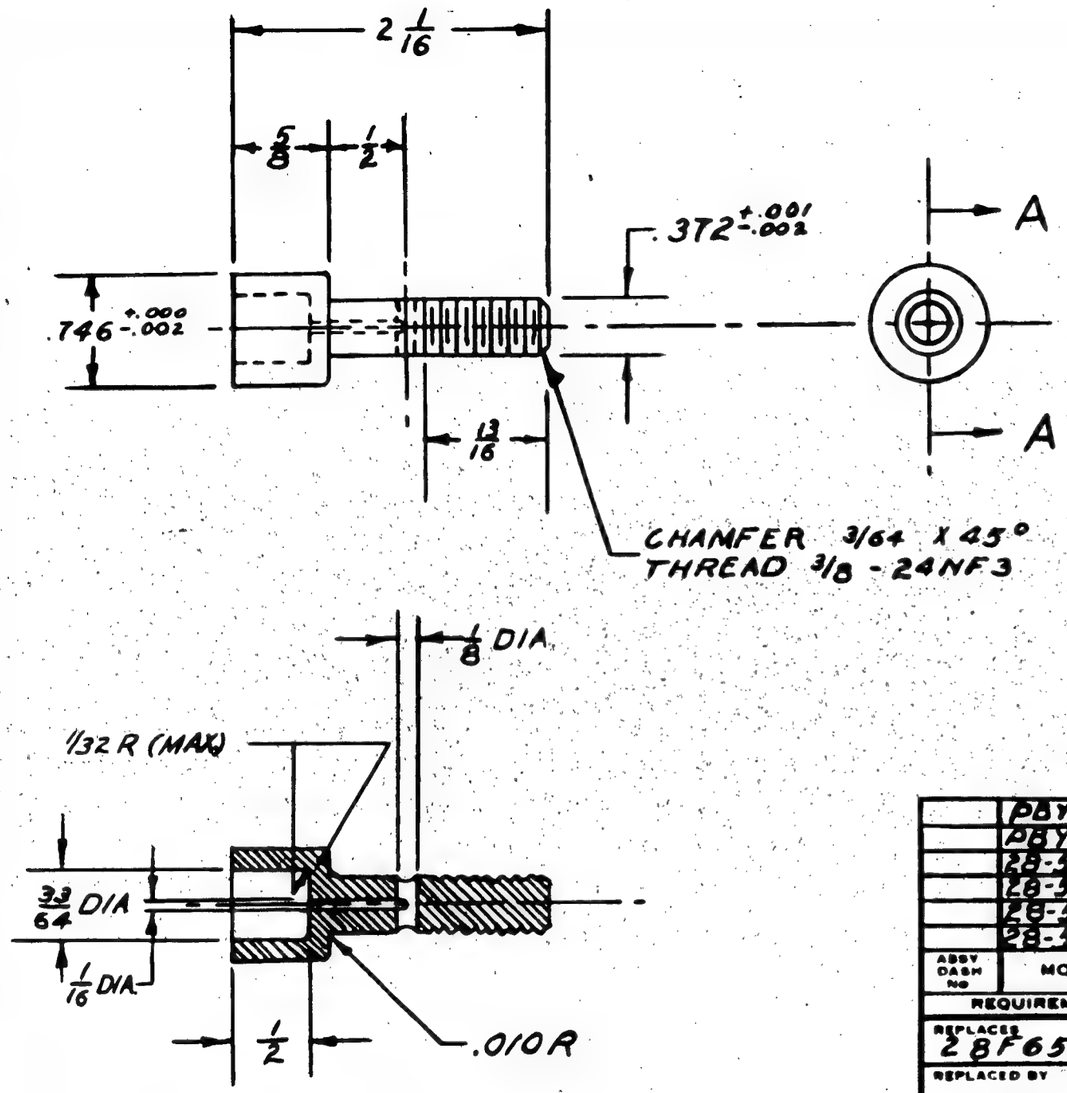
SIZE B

28F6502

R

LET	ALTERATION	DATE	BY
E	TRACED NO. WT. CHG	10-9-43	GARVIN

28F6505



SECTION A-A

ASSY DASH NO	MODEL	NEXT ASSY	REQ
	PBY-5A	28F6619	1
	PBY-5A	28F6501	2
	28-5AMC	28F6619	1
	28-5AMC	28F6501	2
	28-5AMN	28F6619	1
	28-5AMN	28F6501	2

REQUIREMENTS PER AIRPLANE

REPLACES 28F6505 B-12-40 — .07 CALC WT

REPLACED BY — ACT WT

UNLESS OTHERWISE SPECIFIED ± 1/64 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC	H RH REQ	LH RH REQ	LH RH REQ	LH RH REQ	LH RH REQ
	3/4 DIA. X 2 1/2	CH. MOLY BAR	AN-QQ-S-684					

PARTS LIST PER ASSY.

AC		SAVILLE	LIVERS	GREEN		H.R.Z.	R.O.S
120000 TO NAVY 145,000 P.S.I.	C	8-12-40	8-14-40			8-27-40	
HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	MAT.	APPROV	ENG

FINISH CODE	
Z	ANODIC TREATMENT
P	P 27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

NAME PLUNGER-NOSE WHEEL SEQ. VALVE - HYD. SYS.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

DWG. B SIZE

28F6505

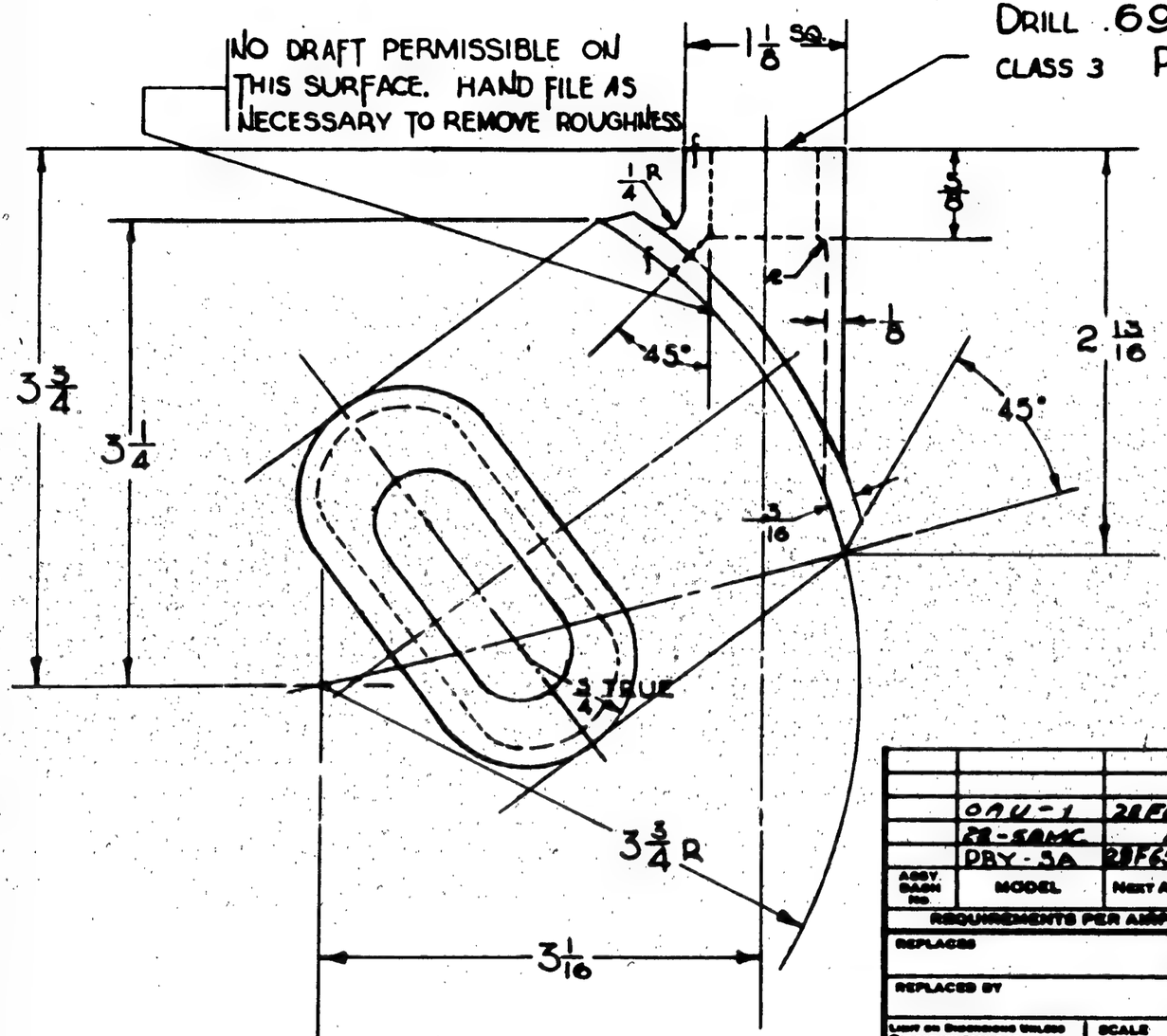
R

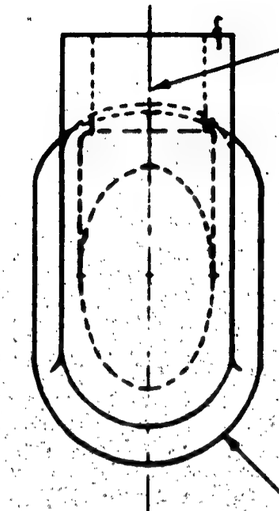
LET	ALTERATION	DATE	BY
A	CLASS 3 THD. & P. DIA. .7139±.0030 WAS	11-1-[illegible]	LYMAN
	N.F. 3 THD. & P. DIA. .6899±.0028		

26948

NO DRAFT PERMISSIBLE ON THIS SURFACE. HAND FILE AS NECESSARY TO REMOVE ROUGHNESS

DRILL .690 THRU-THREAD. $\frac{3}{4}$-18
CLASS 3 PITCH DIA. .7139 $^{+.0030}_{-.0000}$
(A)





CAST PART NO. 28F6509 HERE.

(-6) ROUGH CASTING

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	OAU-1	28F6514	1
	28-SAMC	"	1
	DBY-5A	28F6514	1

REQUIREMENTS PER AIRPLANE

REPLACES	.10 CALC. WT.
REPLACED BY	ASY. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .5 | SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-6		AC Alloy Casting No.	46A1-C1-3 T6										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		Cadm.	9-3 AC			
NAVY 26,000 P.S.I.	None (TO BE WELDED)	9-3				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME FITTING - RESERVOIR - INLET - HYDRAULIC SYS.

OPP. HAND

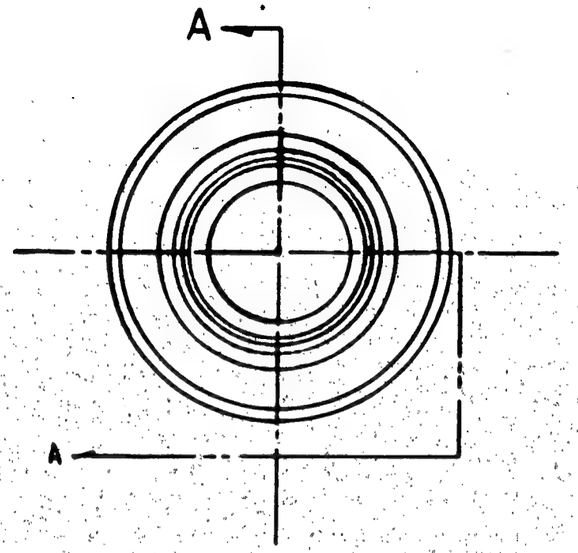
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

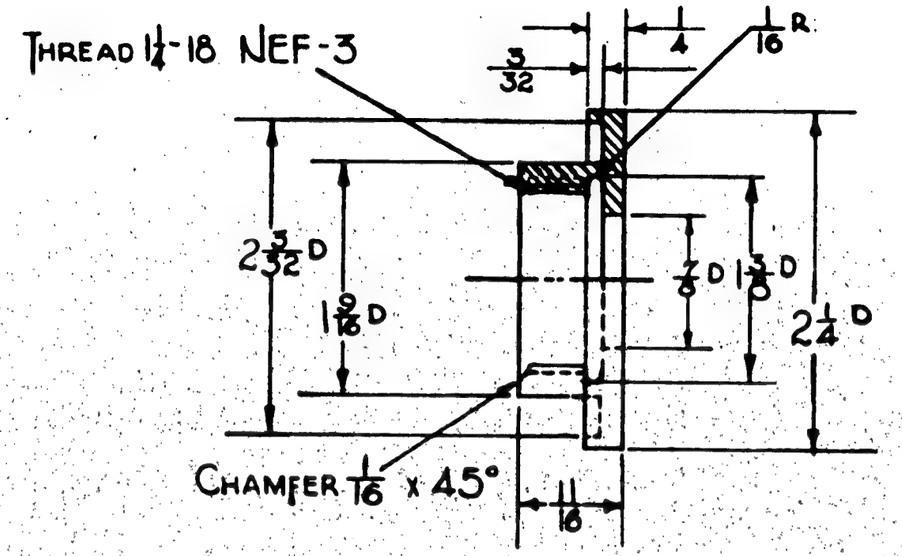
DWG. SIZE B

28F6509

R

LET	ALTERATION	DATE	BY





SEC. A-A

ASSY. DASH No.	MODEL	NEXT ASSY.	REQ.
	OAV-1	28F6512	1
	28-SAMC	"	1
	DRY-SA	28F6514	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. .06

REPLACED BY — ASY. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± .010

SCALE: 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	2¼D x 9/D	ALUM. BAR	4043-TEMP F										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		CARGO							
NAVY None	NONE - TO BE WELDED	9-A-40							
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.		

NAME: FLANGE - HYDRAULIC TANK - HYDRAULIC SYSTEM.

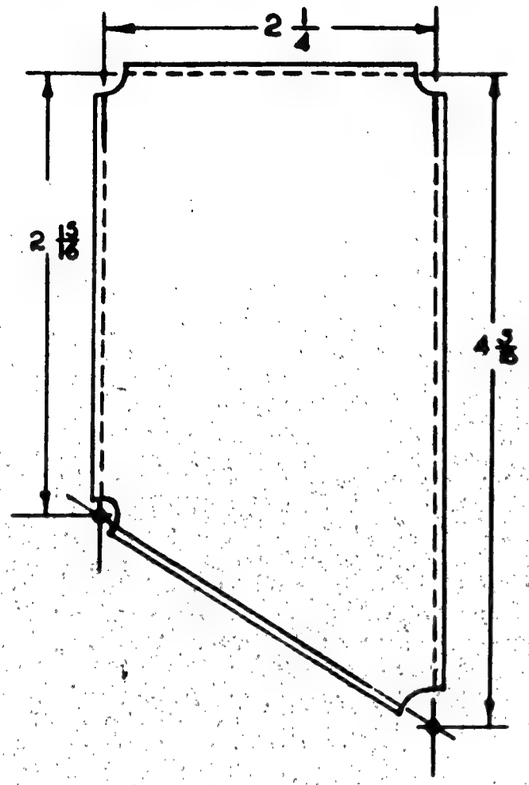
OPP. HAND

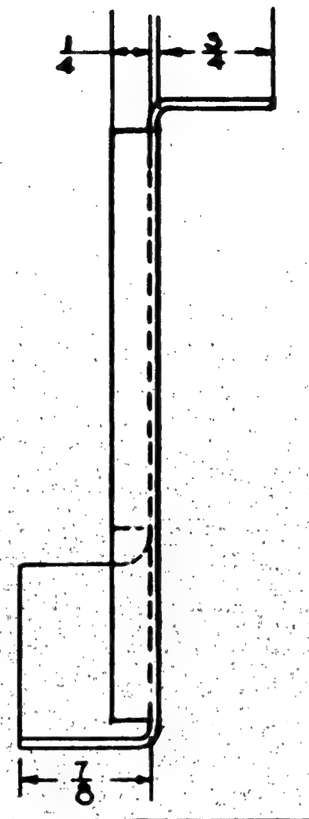
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — 28F6512

R

LET	ALTERATION	DATE	BY





ALL BEND & RELIEF RADII 1/8

FINISH CODE	
Z	ANODIC TREATMEN
P	P-27 PRIMER
AP	ALUMINIZED PRIN.
C	CADMIUM PI

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.
	OAV-1	28F6519	1
	28-SAHC	"	1
	PBY-5A	28F6518	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. .12

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-8	3/64 x 3 x 6	ALCLAD	47AB - Code T										

AC		CASSIDY	Approved	
NAVY None	ZP	8-11-40	9-23-40	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRACKET - HYDRAULIC PLATFORM - HYD SYSTEM

OPP. HAND

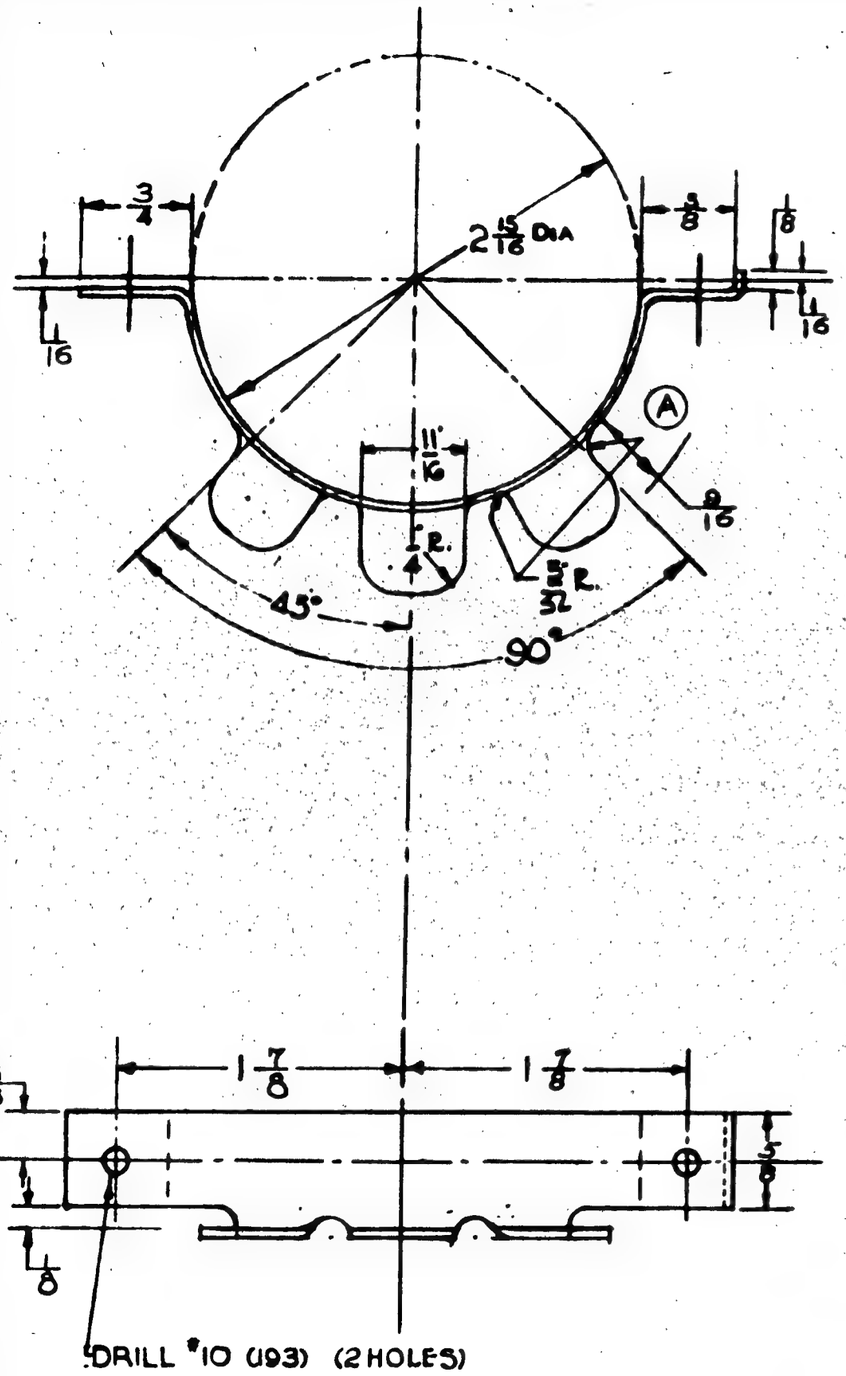
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — 28F6516

R

E0.28360

LET	ALTERATION	DATE	BY
A	CHANGED PLANTER FROM ONE SURFACE TO THREE SCALLOPS	11-8-40	



ALL BEND RADII 1/8

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ'D.
	28-5AMC	28F6518	2
	OAV-1	"	2
	PBY-5A	28F6518	2

REQUIREMENTS PER AIRPLANE

REPLACES — GALC. WT. .05

REPLACED BY — ACT. WT.

SCALE 12"-1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
-6	064X4XB	ALCLAD	47AA Gr 9A						

PARTS LIST PER ASSY.

AC		CASCIO	9-11-40
NAVY SR53	ZP		
HEAT TREAT	FINISH	DRAFT	

CHECK — STRUCT. — MAT. — APPROV. — ENG.

NAME CLAMP—HYDRAULIC FILTER—HYDRAULIC SYSTEM

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

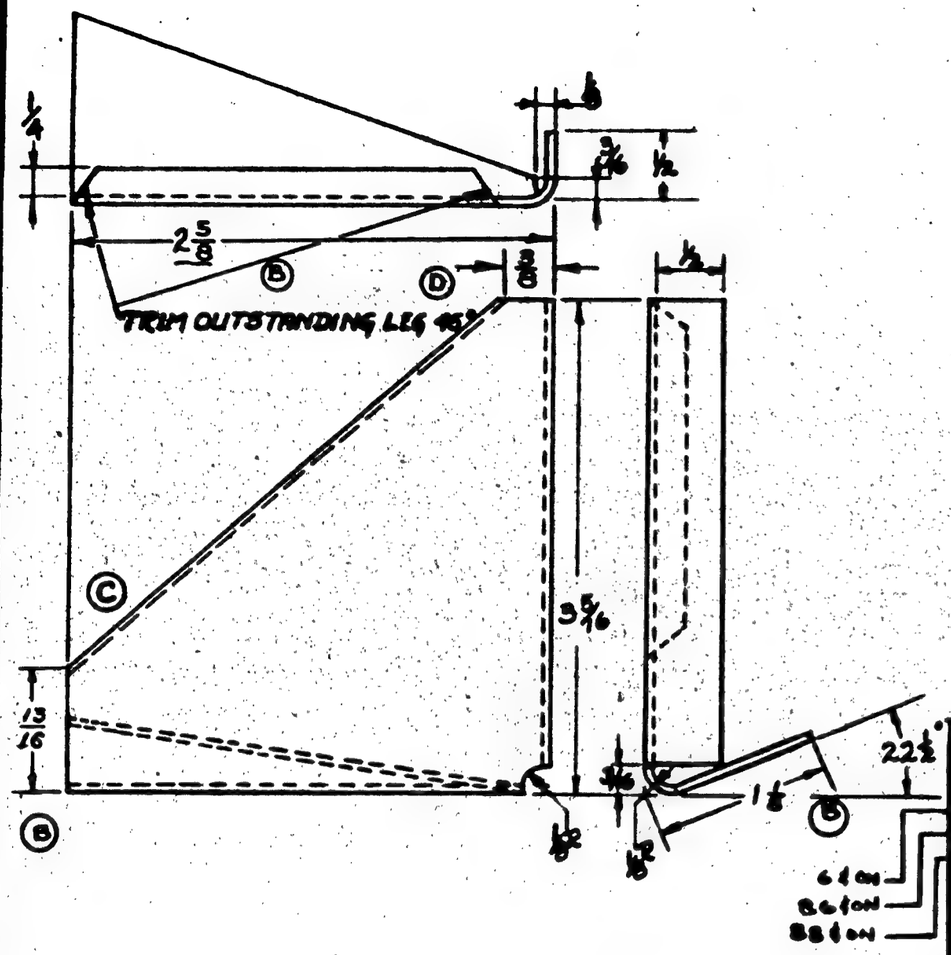
OPP. HAND

SIZE B — 28F6517

R

B.O. 36925
PBY-5
28-5 M's
E.O. A92846

LET	ALTERATION	DATE	BY
A	2450 - 4TA6 CONDA WAS	3-15-41	
	24 ST - 4TA6 COND T		
	ADDED HEAT TREAT SPEC'S.		
B	ADDED DIM. 13/16; DIMS: 2 5/8		
	WAS 3 3/16 & 1 1/8 WAS 1 3/8. WT.		
	CHG. NEG.	12-30-41	
C	CORRECTED 1 3/16 DIM. WT. CHG. NEG	3-19-43	
D	ADDED 3/8 DIM. WT CHG. NEG.	4-1-43	



NOTE~
ALL BEND RADII 1/8

PRE-RELEASE "D" CHG
4-1-43

	PBY-5B	28F6527	1
	28-5 MW	28F6527	1
	28-5 MC		1
	28-5 MA		1
	28-5 ME		1
	PBY-5	28F6527	1
ASSY. DASH NO.	MODEL	NEXT ASSY.	QTY.

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT.

REPLACED BY — ACT. WT.

SCALE 12=10" — 1/32 · 1/2°

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC 98-10026
NAVY SR 53
HEAT TREAT

NONE
FINISH

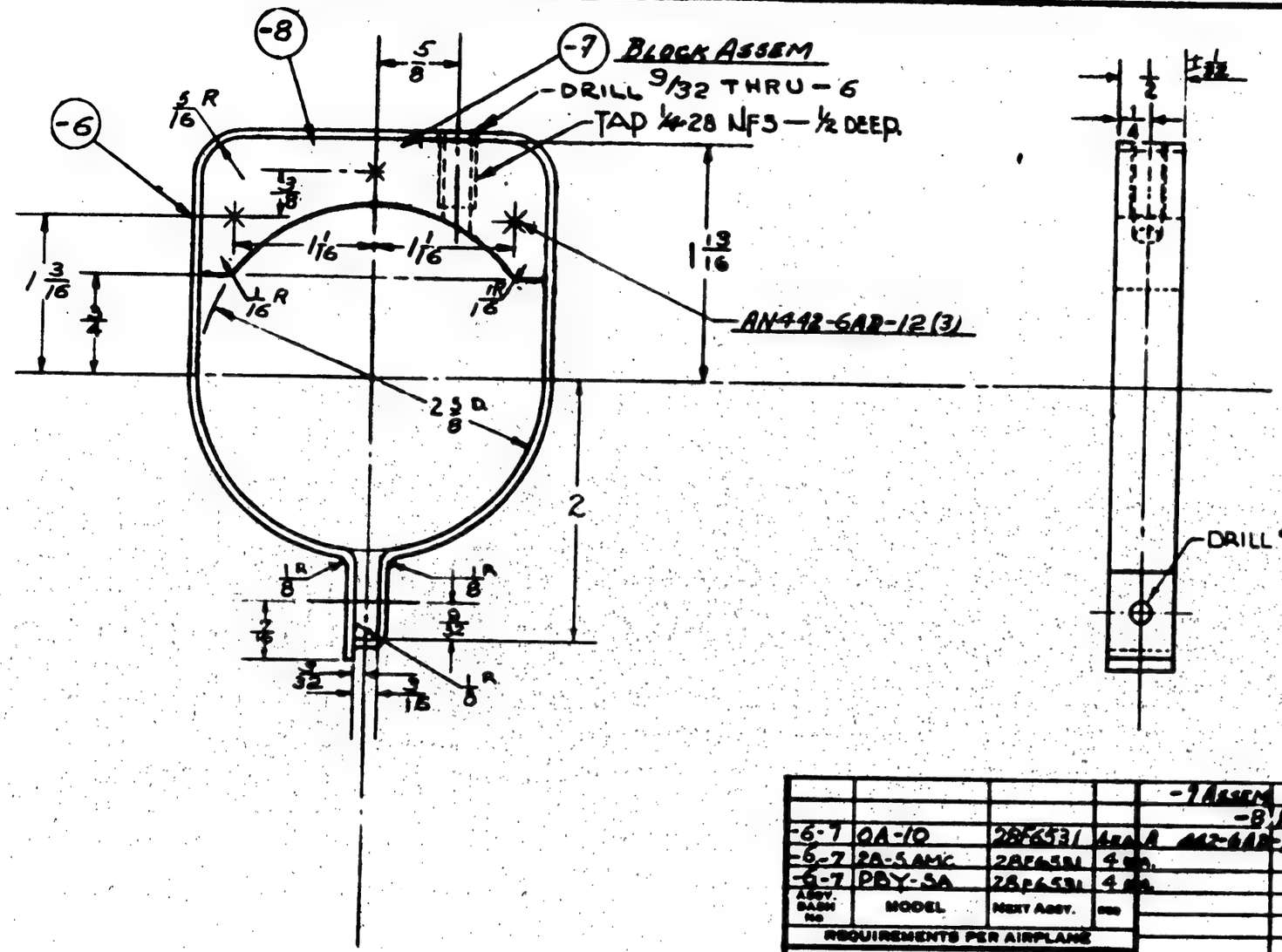
1-21-41 DRAFT | CHECK | STRUCT. | MAT. | APPROV. | ENG.

NAME BRACKET - FURN'S.
TOOL LOCKER SUPPORT

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND
SIZE B
28F6529

LET	ALTERATION	DATE	BY
A	ADDED -5 (2 REQ'D ON -7 ASSEM.)	12-9-40	[illegible]



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. BASH NO	MODEL	NEXT ASSY.	QTY
-6-7	QA-10	28F6531	4 REQ'D
-6-7	2A-5AMC	28F6531	4 REQ'D
-6-7	PBY-5A	28F6531	4 REQ'D

REQUIREMENTS PER AIRPLANE

REPLACES [illegible] Calc. Wt. .61

REPLACED BY [illegible] Act. Wt.

SCALE 12"-1'-0" 1/64

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-7 ASSEM													
-8	1/4 x 1 1/4 x 2 3/4	AL ALLOY SHT.	24 ANC-5 or T			2							
-6	.064 x 5/8 x 12 1/2	ALCLAD	47AB Grade T			3							
				-0		-7		-3		-4		-5	

PARTS LIST PER ASSY.

AC			[illegible]	[illegible]					
NAVY Navy	ZP2AP	4-12-40	11-15 40		11/19/40				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG.		

NAME CLAMP - RETURN VALVE - HYDRAULIC SYSTEM

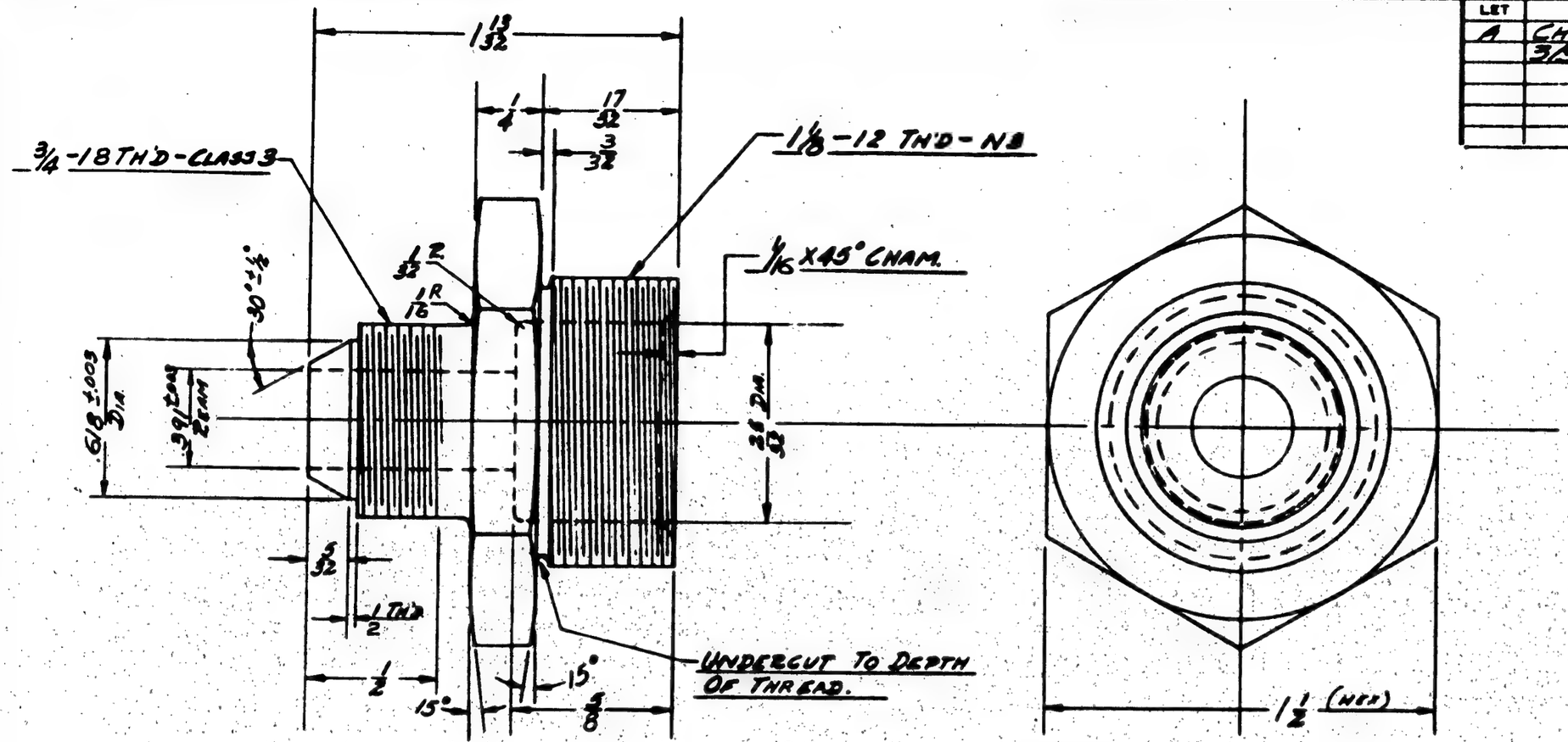
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

DWG. B SIZE 28F6530

R

LET	ALTERATION	DATE	BY
A	CHG'D. 1/32 UNDER CUT TO 3/32 UNDER CUT	6-21-41	BLAT



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY DASH No	MODEL	NEXT ASSY.	USED
	OA-10	28F6507	2
	2A-5AMC	28F6507	2
	PBY-5A	28F6519	2

REQUIREMENTS PER AIRPLANE

REPLACES .14 CALC. WT.

REPLACED BY ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/64

SCALE 24" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	1 1/2 DIA x 1 1/2	AL ALLOY BAR	46A-T6	-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

AC								
NAVY COND. T	Z	11-19-40	11-20-40		FAF 1			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV	ENG	

NAME END PLUG - TEST STAND VALVE - HYDRAULIC SYSTEM

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

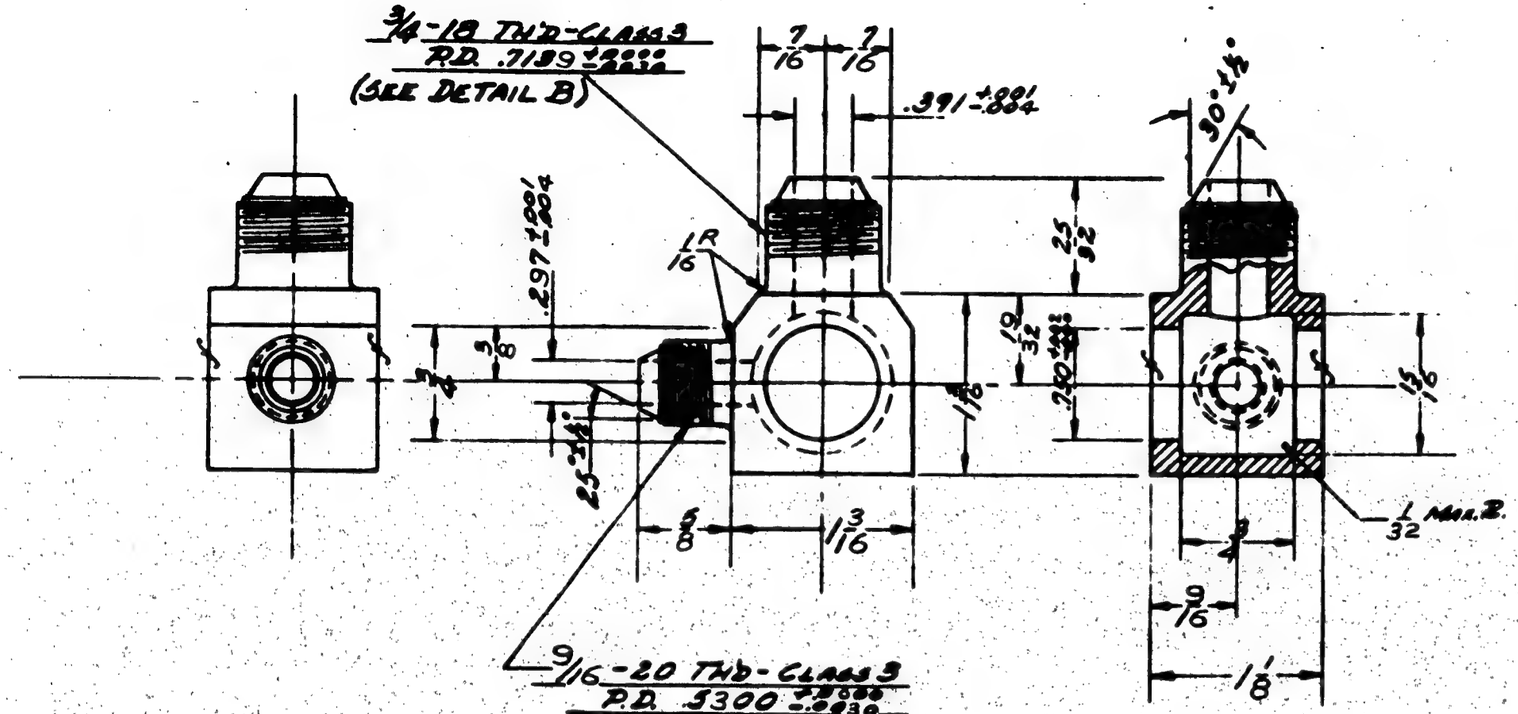
OPP. HAND

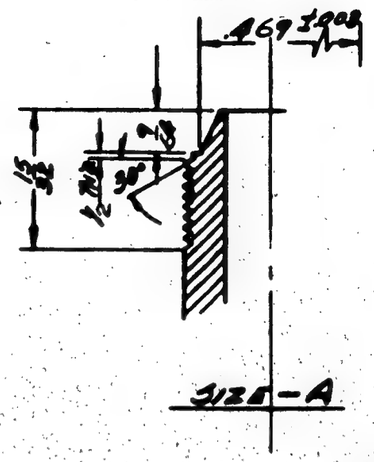
DWG. B SIZE

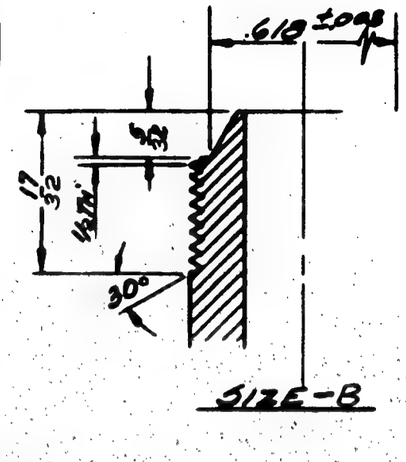
28F6537

R

LET	ALTERATION	DATE	BY







FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

NOSE DETAILS
SCALE + 24" = 1'-0"

NOTE: BODY DIMENSIONS MAY BE CHANGED TO SUIT IF FORGING DIES ARE AVAILABLE.

MATERIAL: ALUM. ALLOY - SPEC 46A9 - T. OR SPEC 46A7. OR SPEC. 46A4.

PURCHASE TO DWG

ASSY. DASH No.	MODEL	NEXT ASSY.	QTY
	OA-10	28F6520	1
	28-3AMC	28F6532	1
	P8Y-1A	28F6528	1

REQUIREMENTS PER AIRPLANE

REPLACES .09 GALS. WT.

REPLACED BY ASSY. WT.

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 | SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.

PARTS LIST PER ASSY.

AC		DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG
NAVY NONE	Z	12-2-40	12-8-40				
HEAT TREAT	FINISH						

NAME SWIVEL - SPECIAL HYDRAULIC - HYDRAULIC SYSTEM

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

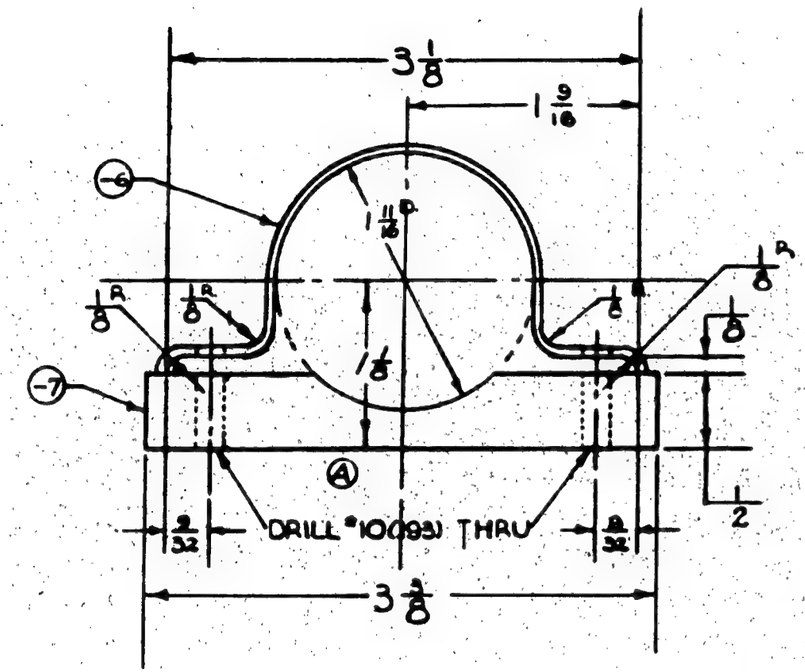
SIZE B

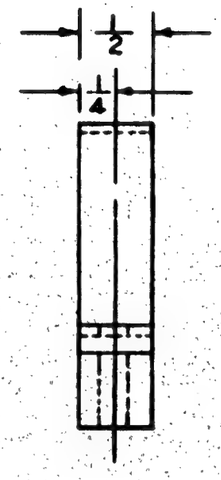
28F6541

R

LET	ALTERATION	DATE	BY
A	ADDED 1/8 DIA.	1-21-41	EDWARDSON.

PBY-5A OA-10 & 28 JAMC





NOTE:- WIRE TOGETHER & STOCK IN SETS

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. DASH NO	MODEL	NEXT ASSY.	QTY
-6-7	OA-10	28F6544	4 EA
-6-7	28-5 AMC	28F6549	4 EA
-6-7	PBY-5A	28F6544	4 EA

REQUIREMENTS PER AIRPLANE

REPLACES .21 GALC. WT.

REPLACED BY AGT. WT.

UNIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED: 1/64 +

SCALE 12·1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	-0 LH RH REQ.	-2 LH RH REQ.	-3 LH RH REQ.	-4 LH RH REQ.	-5 LH RH REQ.
-7	1/2 x 1/2 x 3 5/8	MICHIGAN	1025 STEEL					
-6	.064 x 1/2 x 5 5/8	ALCLAD	4130 Cond T					

* - PARTS LIST PER ASSY.

AC	1	CASSIDY-SEVILLE	GREEN	TRACY	3	
NAVY NONE	ZP2AP	11-29-40	12-2-40	JFR	1/15	
HEAT TREAT	FINISH	DRAFT	STRUCT.	MAT	APPROV	ENG

NAME CLAMP—DEBOOSTER BRAKE—HYDRAULIC SYSTEM.

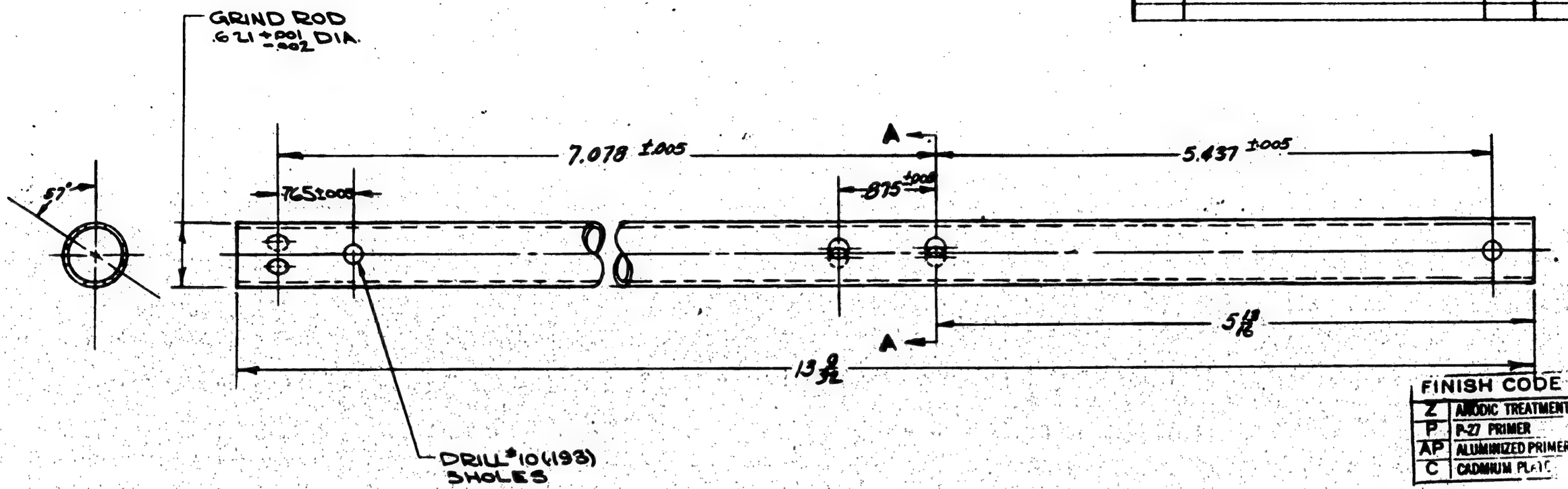
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

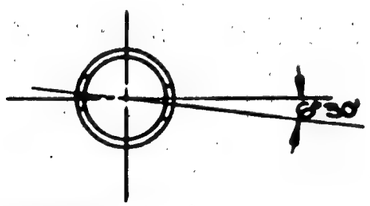
OPP. HAND

DWG. SIZE B

28F6543.

LET	ALTERATION	DATE	BY
A	ADDED NOTE: "ALTERNATE---COND.N." WT. CHG. NEG.	10-9-42	BIGGERLEY





SECT. A-A

ASSY. DASH NO.	MODEL	NEXT ASSY.	QTY
	28-5AMN	28F6615	1
	28-5AMC	28F6615	1
	PBY-5A	28F6615	1

REQUIREMENTS PER AIRPLANE

REPLACES ____ CALC. WT. .31

REPLACED BY ____ ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32 ± 1°

SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.
*	3/4OD x .058 x 13 1/2 CM. TUBE	4130		1								
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5

FINISH CODE

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

AC		J. YOUNG	DUNN			
NAVY 90,000 TO 125,000 PSI.	C	4/22/41	LIVERS			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME TORQUE SHAFT-LOWER-NOSE WHEEL DOOR LOCK-HYD. SYSTEM

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

SIZE B

28F6551

R

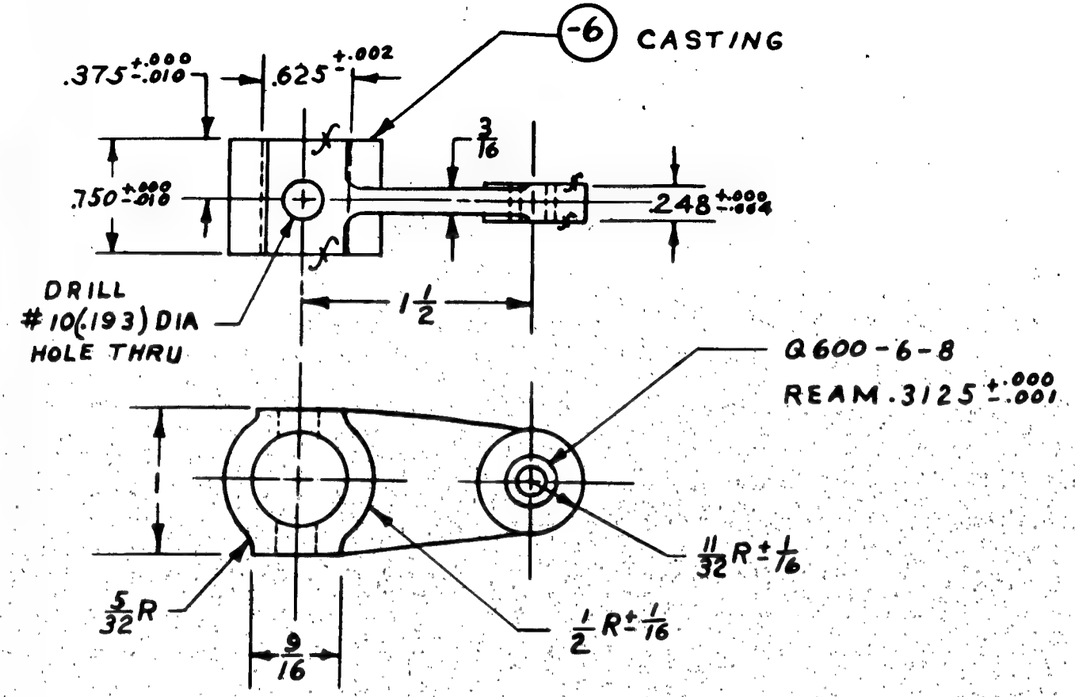
* NOTE:-

ALTERNATE MATERIALS:

(A) CHROME-MOLY WELDED TUBING, AN-T-3, TYPE I, COND. N.
CHROME-MOLY SEAMLESS TUBING, AN-WW-T-850, COND. N.

LET	ALTERATION	DATE	BY
C	TRACED NO WT. CHG	10-943	DOLAN

28F6588



MATERIAL NOTES, FOR -6:
1.- 195T4 AL. AL. CASTING SPEC:
AN-QQ-A-390 CL. I, T.S. 29,000 P.S.I., OR
2.- S195T6 AL. AL. CASTING, SPEC.
AN-A-5 CL. II, T.S. 32,000 P.S.I.

FINISH	CODE
Z	ANODIC TREATMENT
P	P-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ
	PBY-5A	28F6615	2
	28-5AMC	28F6615	2
	28-5AMN	28F6615	2

REQUIREMENTS PER AIRPLANE

REPLACES 28F6588 1-21-41 .05 CALC WT.
REPLACED BY ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
SCALE 12" = 1'0"
STAMP PART NUMBER WHERE SHOWN

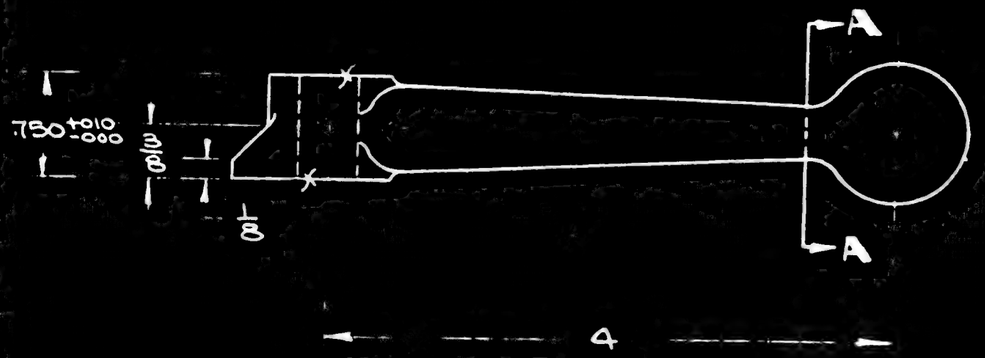
PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
Q600-6-8				1									
-6	CASTING	NOTED	NOTED	1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

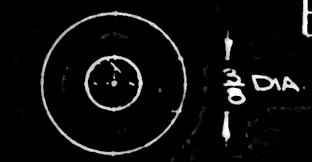
AC		J YOUNG	SEVILLE	GREEN				M.V.
NAVY NOTED	Z-P-G P.	1-22-41			DMC			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.		ENG.

NAME LEVER ARM - LOCK PIN - ACTUATING - HYD. SYSTEM
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
OPP. HAND
DWG. SIZE B
28F6588
R

LET	ALTERATION	DATE	BY
4	BOSS DIA 7/16 +.010 -.000 & WIDTH 1/2	9/15/42	[illegible]

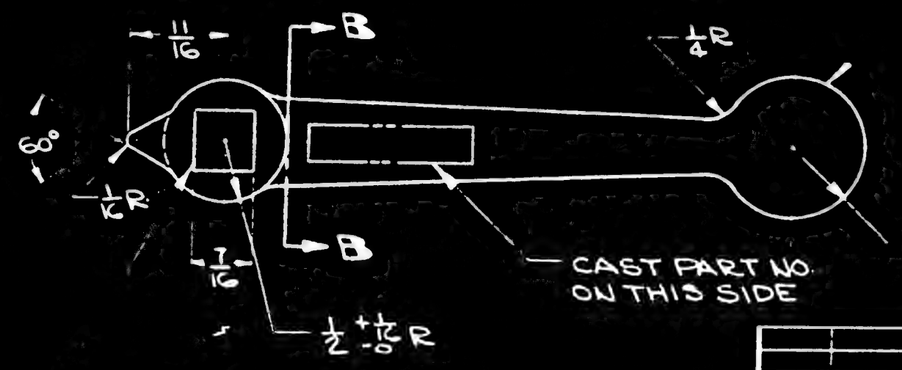
EDC 1.3213





SECT. A-A

(-6 CASTING



(4) BROACH ⅞ SQ. HOLE

⅛R (SPHERICAL)

SECT. B-B

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ
	28-SAMC	28F6597	1
	OA-10	28F6597	1
	PBY-5A	28F6597	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. 12

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ±1/32 — SCALE: 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
	6 AL. ALLOY CASTING ALCOA 195T4		AMS CLASS 4										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		DUNN			BMN		
NAVY 220.00 PSI. HEAT TREAT	POLISH & BUFF FINISH	2/28/41 DRAFT	CHECK	STRUCT	MAT	9-4-41 APPROV	ENG

NAME: HANDLE-LANDING GEAR SELECTOR VALVE-HYD SYSTEM

OPP HAND

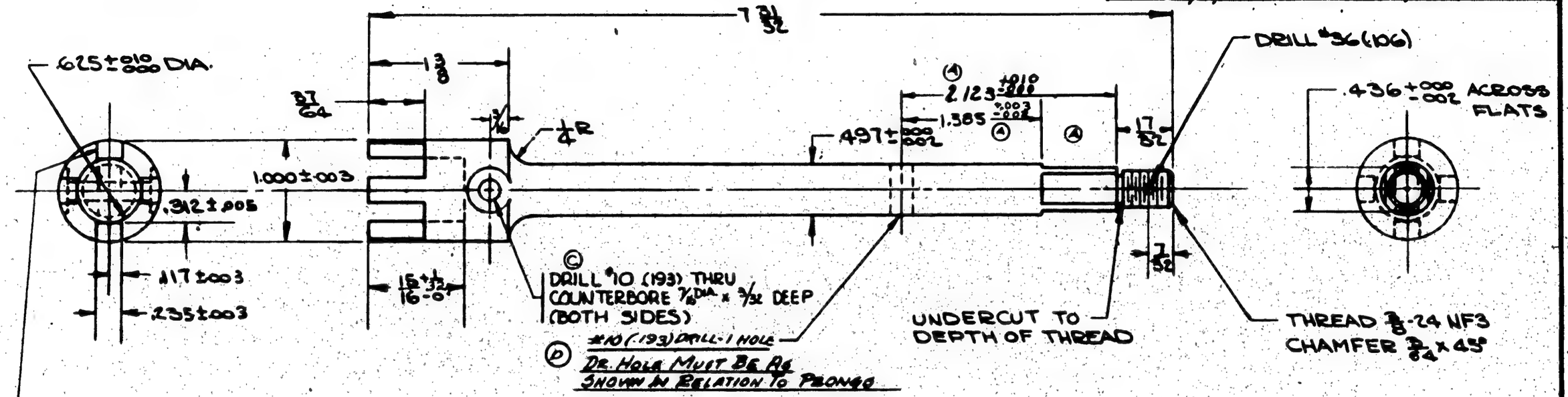
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG B 28F6600

SIZE

LET	ALTERATION	DATE	BY
E (CONT)	NOTED "REMOVED" 22,000 P.S.I. FROM MT. MK. ADDED MAT'L NOTE. NO WT. CHG.	2-14-42	FLAGG
A	DIM. 2.182 +.010 -.000 WAS 2.185 +.003 -.000	6-6-41	BLGY
	RMVD DIM. .740 +.003 -.005 & ADDED		
	DIM. 1.385 +.003 -.002		
	CHANGED TO .312 +.003 -.002 WAS .312 +.005 -.002	7-18-41	DR MKG
	TO .238 +.003 WAS .234 +.002; TO		
	.117 +.003 WAS .117 +.002		
C	ADDED 7/16 C'BORE, #10 DRILLED HOLE & REMOVED 1/2 R. (E)	10-17-41	CASSLE
D	"#10 (.193) DRILL - 1 HOLE" WAS "7/32 DRILL - 1 HOLE." WT. CHG. NEG.	12-30-41	Hennig
E	IN B/M, REPLACED "1" DIA. X 8" LG., CORR		

CHG. C
TRUSH TR'D
E.O. A90657



NOTE-

Ⓔ MAT'L. MAY BE-

(A) 1 DIA. X 8 1/8, STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. FM, COND. B, OR

(B) 1 DIA. X 8 1/8, STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. A.

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	28-5AMN	28F6597	1
	28-5AMC	28F6597	1
	9A-10	28F6597	1
	PBY-5A	28F6597	1

REQUIREMENTS PER AIRPLANE

REPLACES — .48 GALC. WT.

REPLACED BY — ASY. WT.

UNLESS OTHERWISE SPECIFIED ± .010 — SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	NOTED	NOTED	NOTED										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		DWN	Sparks Green		Klein		
NAVY	NONE	7/25/41	Lorenz		MEG	10-21-41	NO
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME SHAFT-LANDING GEAR SELECTOR VALVE - HYD. SYSTEM

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

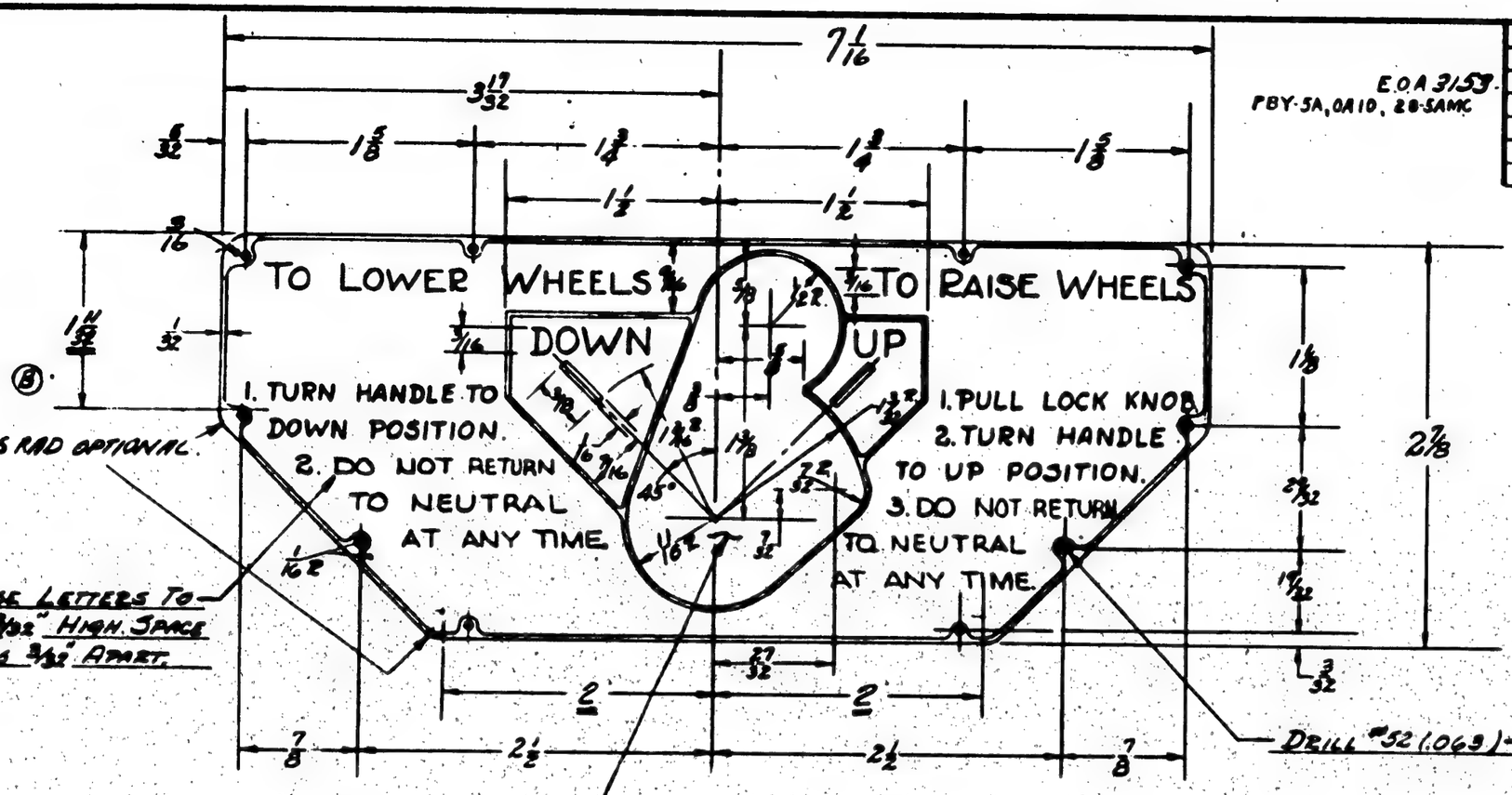
OPP. HAND

SIZE B — DWG. 28F6601

R 1099-182

LET	ALTERATION	DATE	BY
A	ADDED NOTE: CUTOUT IN THIS AREA	4/1/41	[illegible]
B	REMOVE 3/16 R., 1/2, & 1 5/16 DIM. ADD "3/16 RAD. OPTIONAL"	6/19/41	[illegible]
C	CHG'D WORDING ON NAMEPLATE	9-30-41	[illegible]

E.O.A 3153
PBY-5A, OA10, 28-5AMC



C.70496 & C.77713

NOTE: LETTERS AND EDGES TO BE RAISED AND POLISHED. BACKGROUND ETCHED AND FINISHED WITH DULL BLACK ENAMEL. STAMP PART NO. ON BACK SIDE.

PURCHASE TO DWG

ASSY. SASH NO	MODEL	NEXT ASSY.	REQ
	2A-5AMC	28F6597	1
	PBY-5A	28F6597	1

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. .05

REPLACED BY — ACT WT

LIMIT ON UNDERRUN UNLESS OTHERWISE SPECIFIED + — 1/64

SCALE 12"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.030 X 2 3/8 X 7 1/16	AL ALLOY SH'T	47A2 H.H.								
PARTS LIST PER ASSY.				-0		-2		-3		-4	-5

A.C.		Rogers	Sigler	Stern	BMH 10-3-41	Klem	
NAVY NONE	NOTED	9-13-41	[illegible]			10-3-41	[illegible]
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG

NAME NAME PLATE - LANDING GEAR SELECTOR VALVE - HYD. SYSTEM

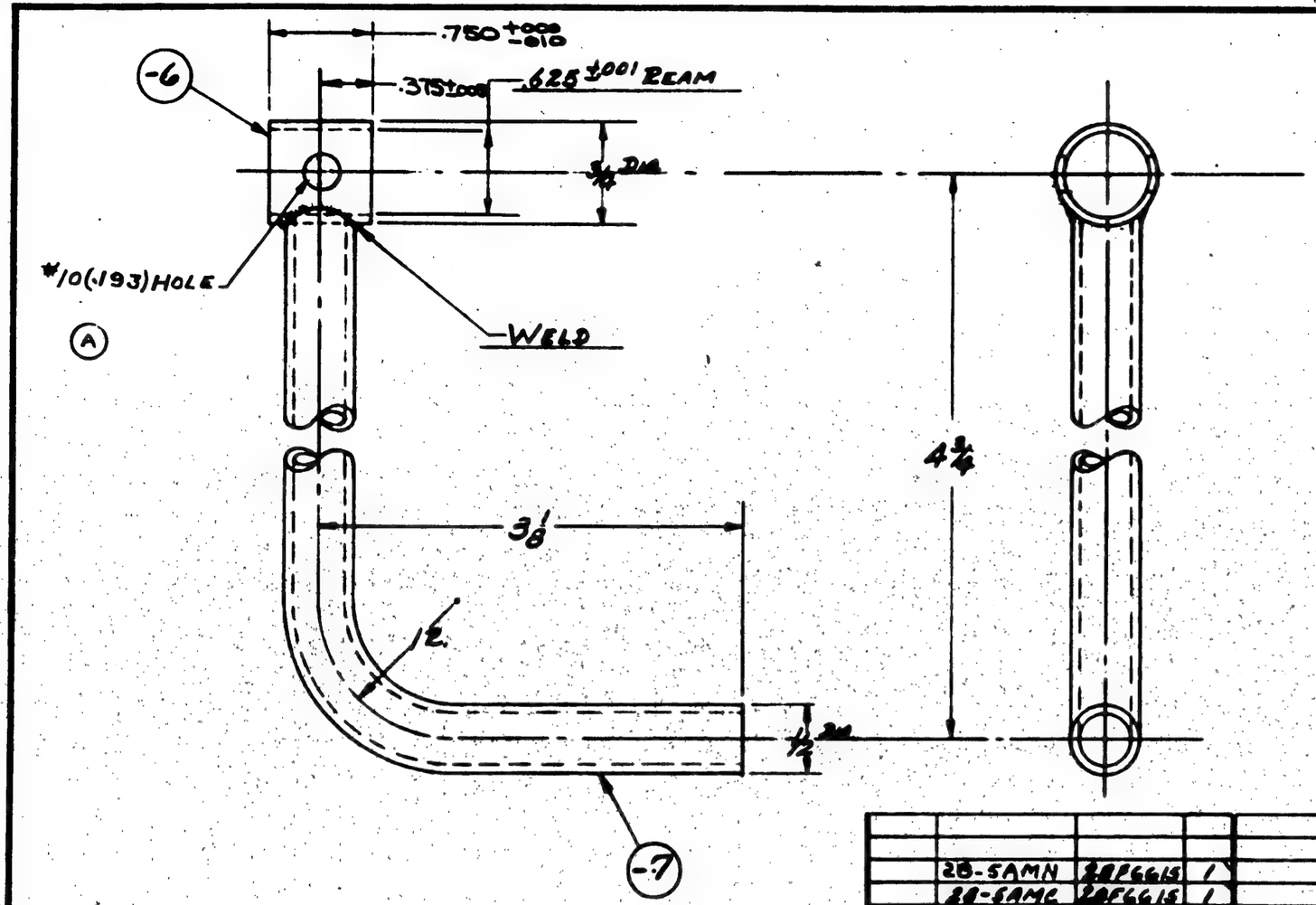
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.

DWG B SIZE 28F6607

R

LET	ALTERATION	DATE	BY
A	#10(.193) HOLE WAS 7/32 DRILL. WT. CHG. NEG.	6/29/43	F. HNK
B	IN B/M, REPLACED "CHROME MOLY" 2"44T18" WITH "NOTED" ON FACE, ADDED MATERIAL		
	NOTE, NO WT CHG.	9-29-43	HOOK.



(B) MATERIAL FOR -7 MAY BE:
(A) S.A.E. X4130 CR. MOLY STEEL TUBING, WELDED, SPEC. AN-T-3, OR
(B) X4130 CR. MOLY STEEL TUBING, SEAMLESS, SPEC. AN-WW-T-850.

	28-5AMN	28F6615	1
	28-5AMC	28F6615	1
	PBY-5A	28F6615	1
ASSY. BASH No.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES	.24 CALC. WT.
REPLACED BY	ACT. WT.
UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12"=1'-0

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-1	.065 X 1/2 OD X 7/8	NOTED	NOTED	1									
-3	.089 X 1/2 OD X 3/4	CHROME MOLY	44T18	1									
* - PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		Tocco				
NAVY 90,000 TO 125,000 PSI	C	9-29-43				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

FINISH CODE

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

NAME HANDLE - NOSE WHEEL DOOR LOCK - HYDRAULIC SYSTEM

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

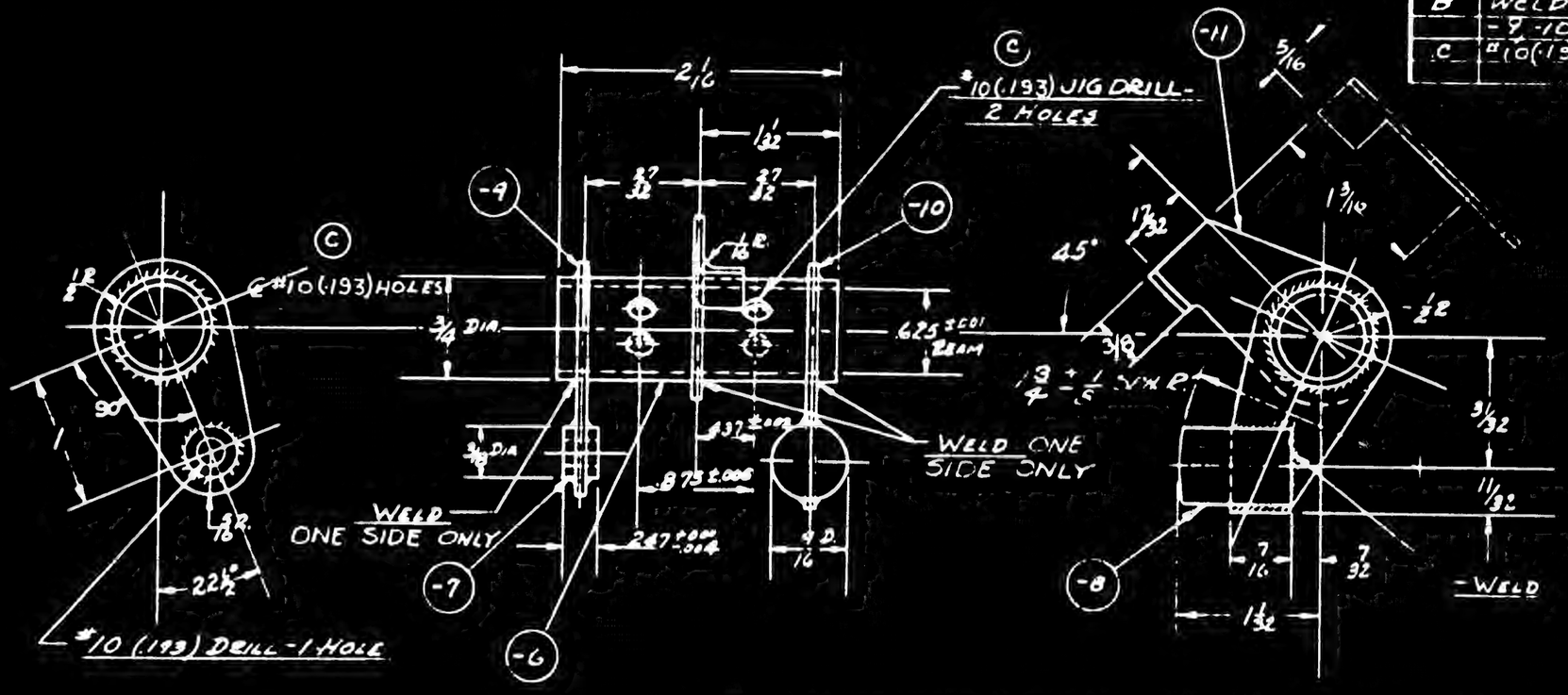
OPP. HAND

DWG. B SIZE

28F6614

28F6614

LET	ALTERATION	DATE	BY
A	CHANGED DIM 1 7/8" & R TO SPHERICAL R	6-12-41	HOLLAND
B	WELDS ON ONE SIDE OF -9, -10 & -11 ELIMINATED	7-30-41	HOLLAND
C	#10 (.193) WAS 7/32 (2 PLACES). WT. CHG NEG	9/25/43	FUNK



FINISH CODE

Z ANODIC TREATMENT

P (P 21 PRIMER)

AP (illegible)

28-SAMN	28F6617		1
28-AAMC	28F6617		1
P2Y-1A	28F6617		1

ASSY DASH NO	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

REPLACES — .69 CALC WT

REPLACED BY — ACT WT

UNLESS OTHERWISE SPECIFIED: DECIMALS ± .005, FRACTIONS ± 1/64

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-11	.063 x 2 1/8	C.M. SHEET	47S14	1									
-10	.063 x 2 1/8	C.M. SHEET	47S14	1									
-9	.063 x 2 1/8	C.M. SHEET	47S14	1									
-8	9/16 DIA x 1 7/16	C.M. ROD	46S23	1									
-7	3/4 DIA x 1 1/4	C.M. ROD	46S23	1									
-6	.083 x 3/4 OD x 2 1/8	C.M. TUBE	24T18	1									

HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG
NAVY 90,000 TO 105,000 PSI.	C	REVISED 3-28-41			MEB		

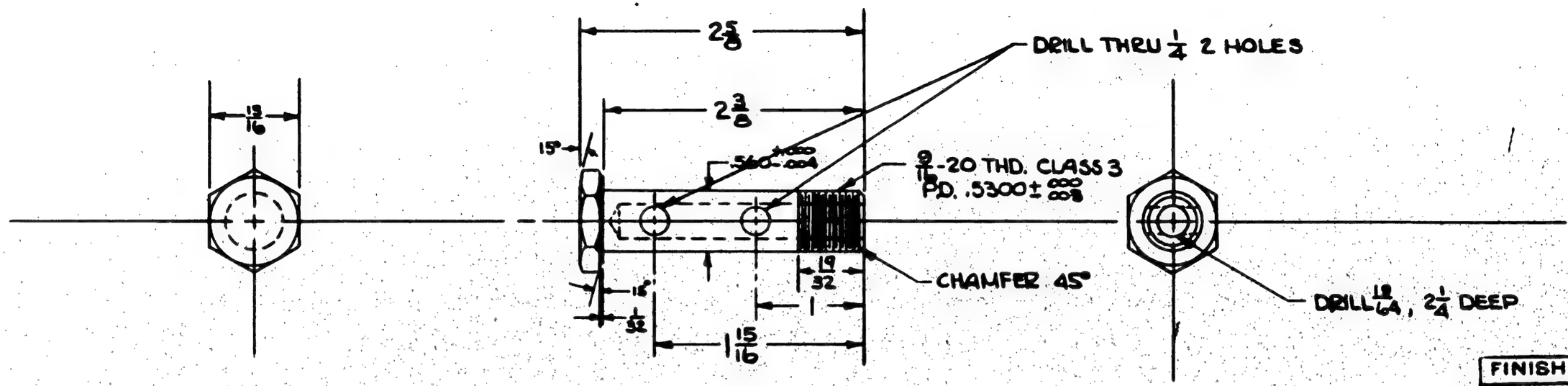
NAME LEVER ASSEM. - NOSE WHEEL DOOR LOCK MECHANISM - HYD SYSTEM — OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.

DWG. B 28F6617 SIZE

R

LET	ALTERATION	DATE	BY



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY DASH No	MODEL	NEXT ASSY	QTY
	28-5AMN	28F6631	2
	OA-10	28F6631	2
	28-5AMC	28F6631	2
	PBY5A	28F6631	2

REQUIREMENTS PER AIRPLANE

REPLACES — CALC WT

REPLACED BY — ACT WT

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± .010, 1° — SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART No	STO	MATERIAL	SPEC	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	9/16 HEX x 2 3/4	C.M. STL.	4130 Gr A										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

NAVY 120,000 PSI To 150,000 PSI	CAD PLATE	9/30/41	Nelson Bragg Gerber		KLEIN McVicker
HEAT TREAT	FINISH	DRAFT	LIVERS		J.E.R. 10-2-41
			CHECK	STRUCT	MAT	APPROV	ENG

NAME SPECIAL BOLT — HYDRAULIC SWIVEL COUPLING

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

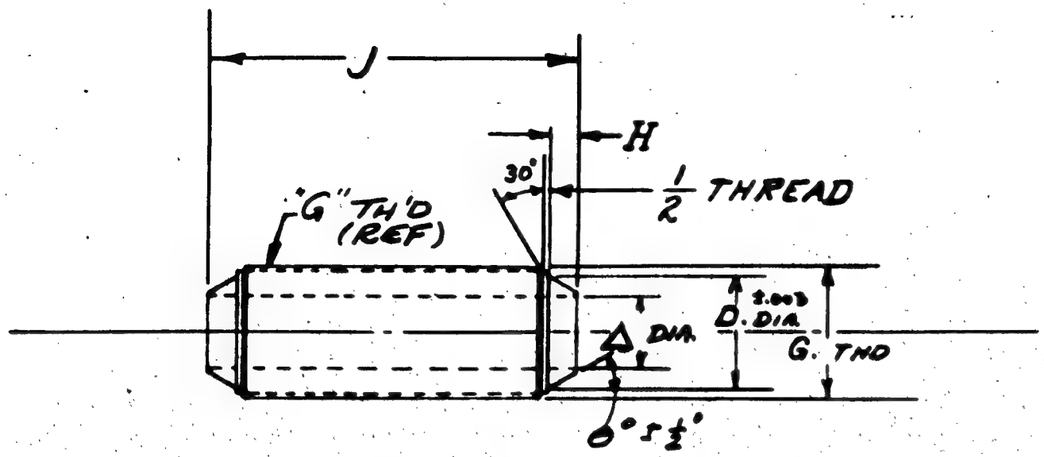
OPP. HAND

DWG. B 28F6634

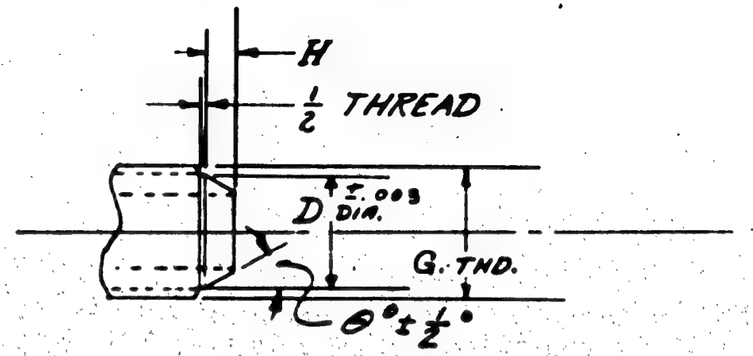
SIZE

R

LET	ALTERATION	DATE	BY



NOSE DETAILS FOR -6 ON UP ONLY - BOTH END ARE IDENTICAL



NOSE DETAILS FOR -4 ONLY - BOTH ENDS ARE IDENTICAL

DASH Nº	TUBE SIZE	D DIA.	A DIA.	H	J	θ°	G THREAD - CLASS 3
4	1/4	.362	.172	1/8	2 1/16	35°	7/16-20 P.D= .4050 .4024
6	3/8	.469	.297	9/64	2 3/16	25°	9/16-20 P.D= .5300 .5270
8	1/2	.618	.391	5/32	2 5/16	30°	3/4-18 P.D= .7135 .7109
10	5/8	.743	.984	3/16	2 7/16	30°	7/8-18 P.D= .8380 .8353

13 JAN

-8	PBY-5B	28F6707	4
-6	PBY-5A	28F6500	9
-6	PBY-5A	28F6500	8

SEE RELEASE SHEET FOR QUANTITIES, MODELS & NEXT ASSYS.

ASSY. USED ON No.	MODEL	NEXT ASSY.	QUAN.

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT

REPLACED BY — ACT. WT

UNLESS OTHERWISE SPECIFIED ± .010 — SCALE NONE

STAMP PART NUMBER WHERE SHOWN

FINISH CODE

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

PART No	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
		AL. ALLOY	99A351-T										

PARTS LIST PER ASSY.

SAC NONE	Z	GARPAY					
NAVY		9-9-91				9-10-91	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG

NAME BULKHEAD FITTING
SPECIAL - HYD. SYS.

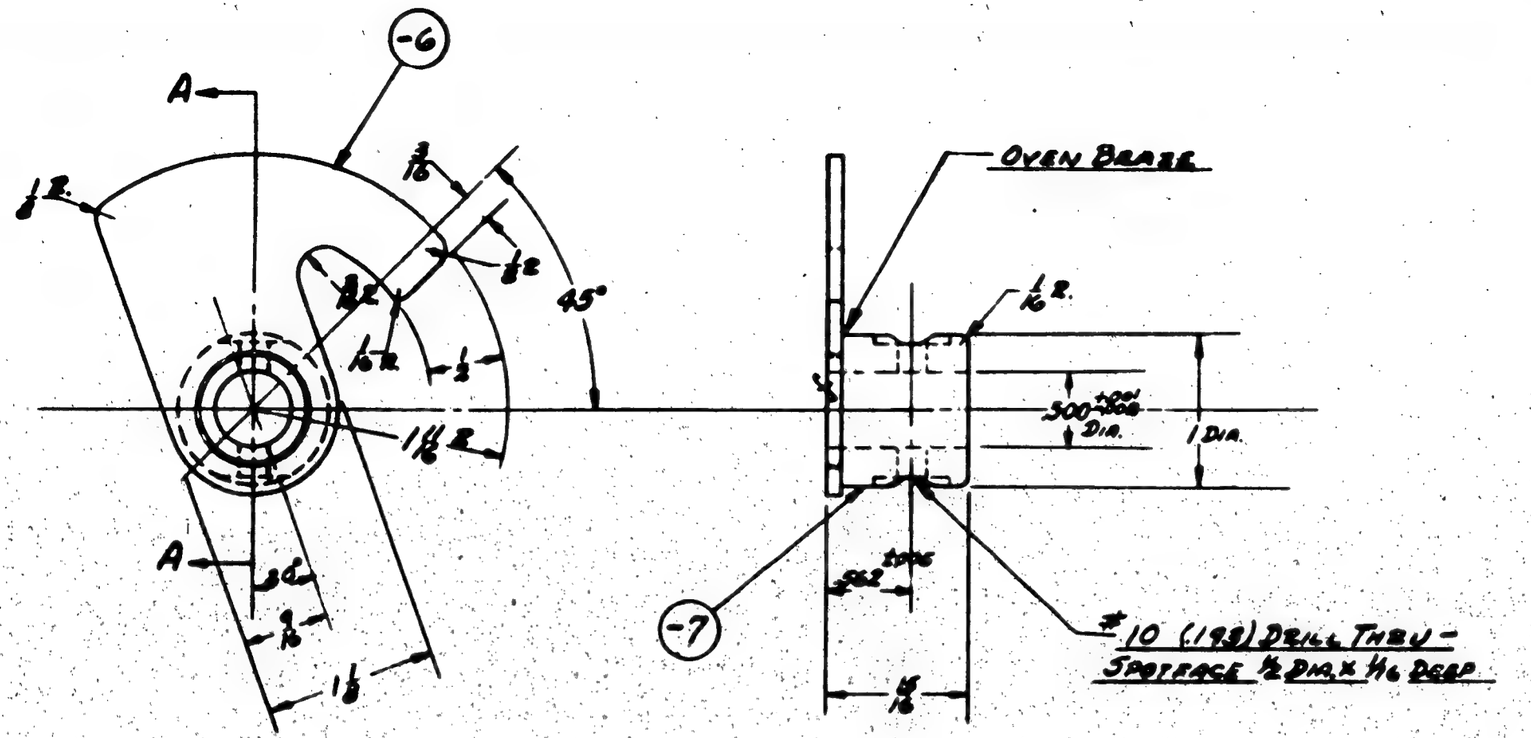
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

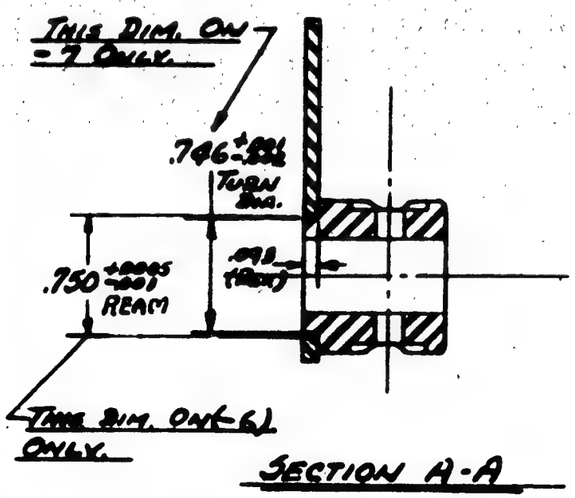
OPP. HAND

DWG. B 28F6637 SIZE

R

LET	ALTERATION	DATE	BY
A	REVISED & REDRAWN	11-5-41	[illegible]





SECTION A-A

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ'D
	28-SAMN	28F6597	1
	28-SAMR	28F6597	1
	PBY-5A	28F6577	1

REQUIREMENTS PER AIRPLANE

REPLACES 28F6640 (9-29-41) 18 EACH WT.

REPLACED BY ASY. WT.

LIMITS OF DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± .010 ∠ ± 1/2°

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
PARTS LIST PER ASSY.													
-7	1 DIA. X 1	C.R.S.	AN-QQ-S-741					1					
-6	.093 X 2 1/2 X 2 1/2	C.R.S.	AN-QQ-S-741						1				

AC		Rogers							
NAVY 90000 To 115000 Ten.	CAD. PLATE	11-5-41						11-10-41	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT.	APPROV.	ENG.		

NAME LEVER STOP - SAFETY LOCK - L'D'G. GEAR SEL. VALVE - HYD. SYS.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

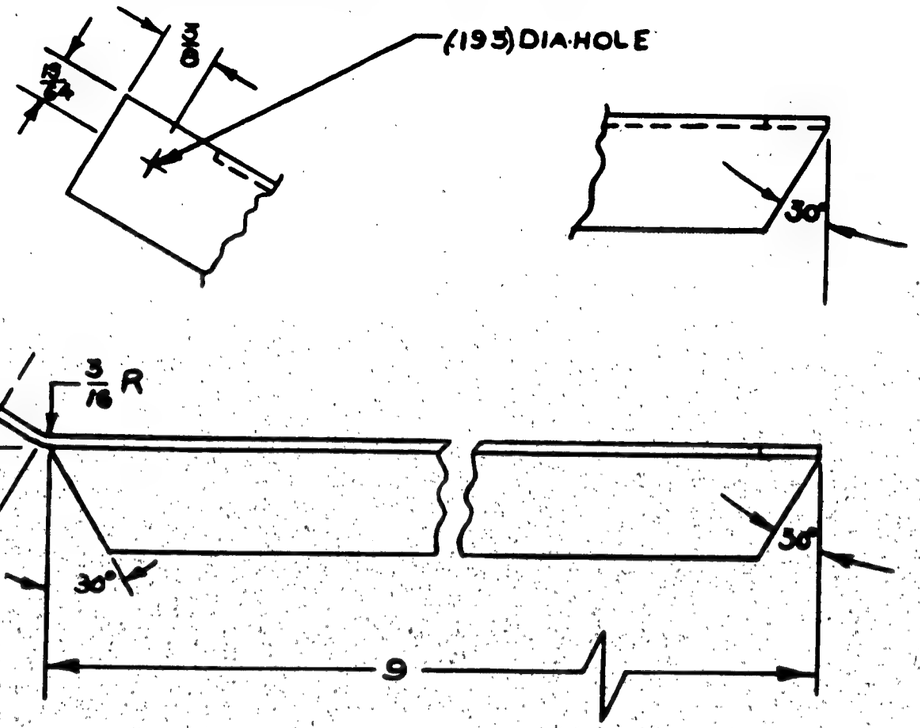
SIZE B

28F6640

R

LET	ALTERATION	DATE	BY
C	TRACED NO WT. CHG.	10/1/42	REMS

28F6672



C*91876
C*88176

ASSY. DASH No.	MODEL	NEXT ASSY.	REQ.
	PBY-5	28F6675	1
	PBY-5A	28F6675	1
	PBY-5B	28F6675	1

REQUIREMENTS PER AIRPLANE

REPLACES 28F6672 12-28-41 — 09 GALC. WT.

REPLACED BY — ACT. WT.

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH RH REQ. -0	LH RH REQ. -2	LH RH REQ. -3	LH RH REQ. -4	LH RH REQ. -5
	Y2-A20-T10							

PARTS LIST PER ASSY.

FINISH CODE	
Z	ANODIC TREATMENT
P	R-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

AC

NAVY NONE — Z-P — LIVER HOLE — KROMER — GERBER

HEAT TREAT — FINISH — DRAFT — CHECK — STRUCT. — MAT. — APPROV. — ENG.

TATE — CANONICO 1-27-42 — R.A. HOOVER

NAME SUPPORT-FURNS ASTROGRAPH-AFT

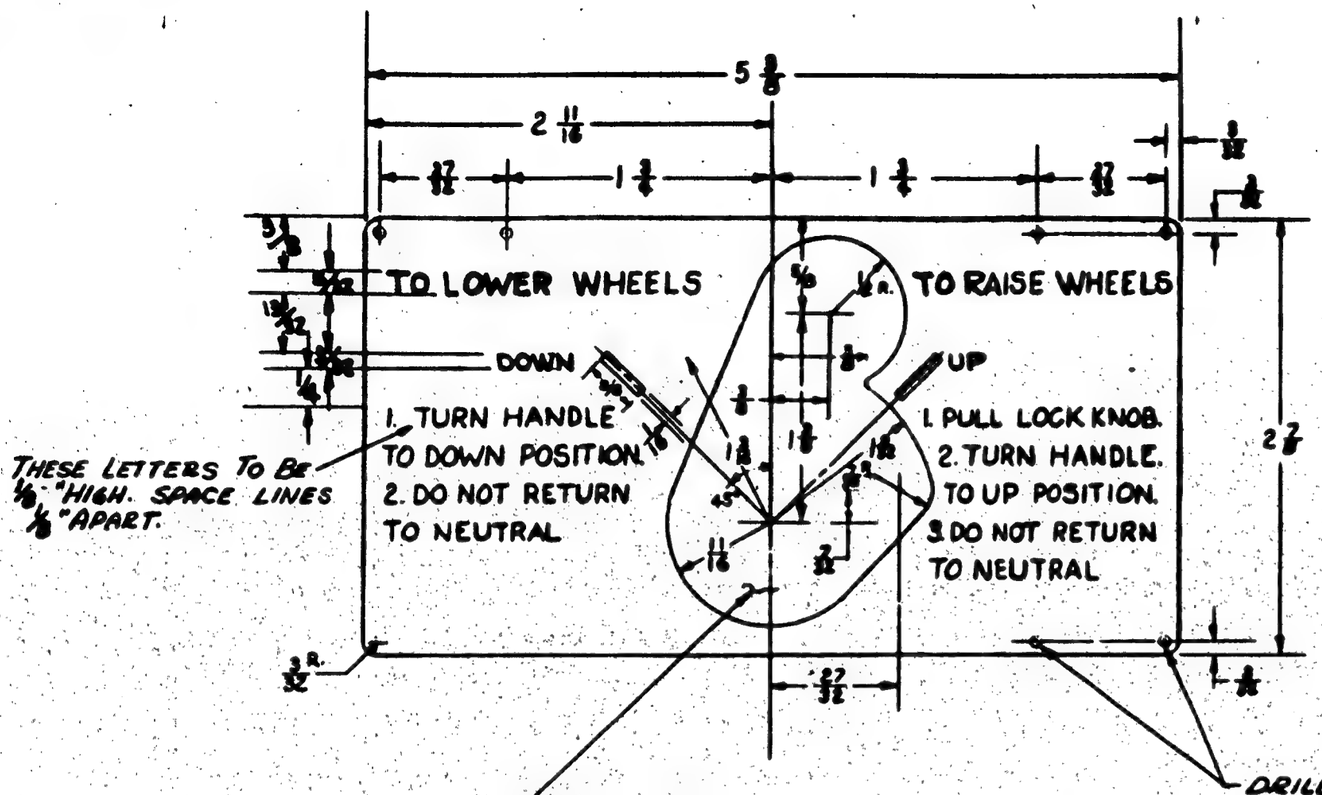
OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B — 28F6672

R

LET	ALTERATION	DATE	BY



CONT. 88476

NOTE: LETTERS TO BE ETCHED AND FINISHED WITH DULL BLACK ENAMEL. BACK GROUND TO POLISHED. STAMP PART NO ON BACK SIDE.

PURCHASE TO DWG

ASSY. DASH No.	MODEL	NEXT ASSY.	QTY.
	PBY-5A	28F6592	1

REQUIREMENTS PER AIRPLANE

REPLACES — .04 Emg. Wt.

REPLACED BY — Adv. Wt.

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/64 — SCALE: 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
-6	.090 x 2 3/8 x 15 3/4	Aluminum Sheet	57A2 2/4 H	1									

PARTS LIST PER ASSY. -2 -3 -4 -5

AC		E.E.					
NAVY NONE	NOTED	ADV. ENG.			W.B.	4-14-42	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

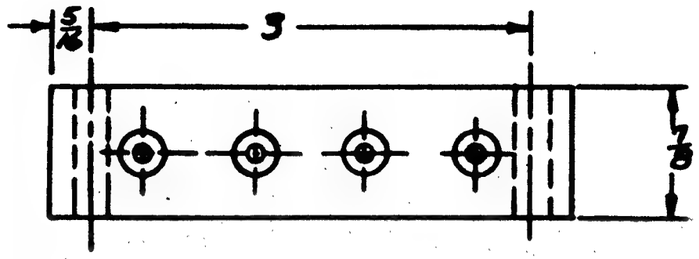
NAME NAME PLATE - LANDING GEAR SELECTOR VALVE - HYD. SYST.

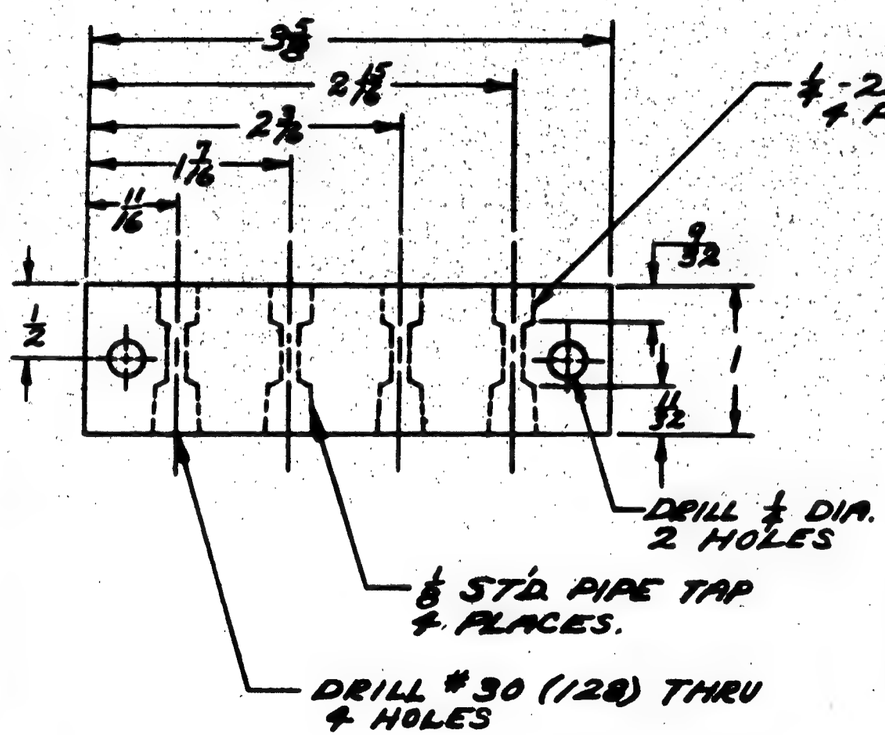
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

SIZE B — 28F6688

LET	ALTERATION	DATE	BY





FINISH CODE	
Z	CHROMATE TREATMENT
P	N.P. PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

24-SMN	28E6692	1	
21-SMC	28E6692	1	
P&W-SA	28E6692	1	
CONT. GRADE NO.	MODEL	PART ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES	.35# Grad. Wt.
REPLACED BY	Adv. Wt.
SCALE	12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

1 X 1 5/8 X 3 3/4 AL ALLOY 46S0 QT 1

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		2-10-42	Louis	Jake	[illegible]	Jake	
NAVY NONE	X	E. RAVILLE 2-16-42		Peggi	2-21-42	Wm	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT'	APPROV.	ENG.

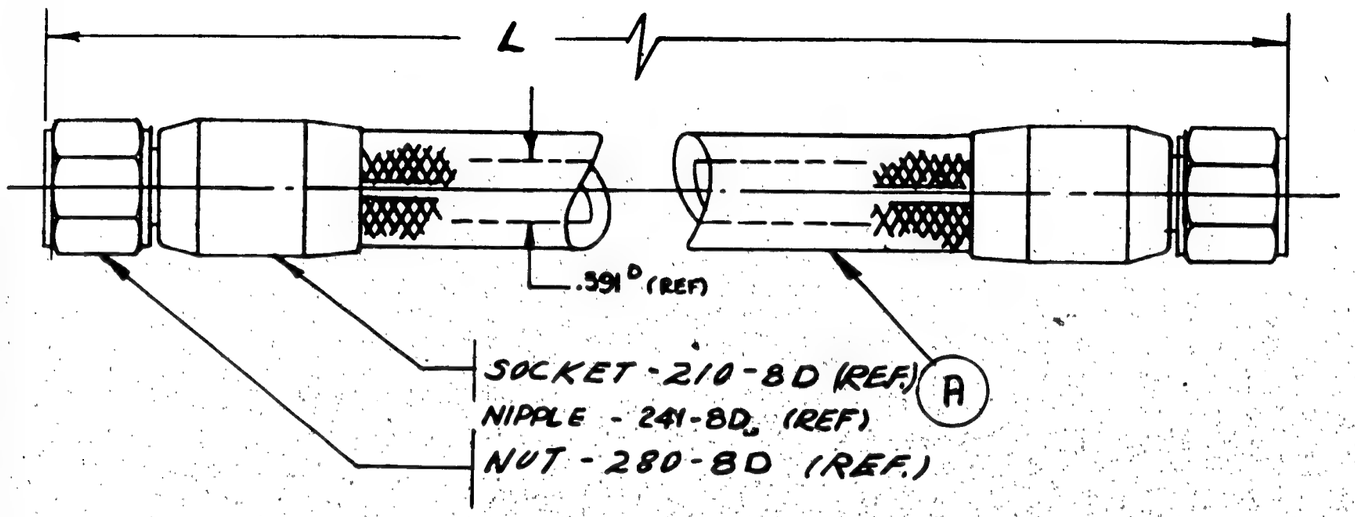
NAME FITTING BLOCK-HYD'S. NW. DOOR LOCK MECH.

OPP. HAND

ENGR. B 28E6693

E.O.# 12486

LET	ALTERATION	DATE	BY
A	BR'GT. REQ. PER AIRPLANE UP TO DATE - NOW I. CHG 7142		HWES



ABOVE HOSE ASSEM #318-8D MAY BE PURCHASED FROM "AEROQUIP CORP'N. JACKSON. MICHIGAN. U.S.A.

CONT. #704962 #77713
CONT. 88476 #1-52

DASH NO. A	WT	LENGTH "L"
-6	.83	64"
-7	1.5	116"
-8	2.0	158"
-9	.70	54"

ASSY DASH NO	MODEL	NEXT ASSY.	REQ
	6789 28-5AMC	28F6702	1
	6789 PBY 5A	28F6702	1

REQUIREMENTS PER AIRPLANE

REPLACES — NOTED CALC WT

REPLACED BY — ACT WT

UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PURCHASE TO DWG

PART NO	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5

PARTS LIST PER ASSY.

AC —	—	9-19-42						
NAVY —	—	ED. Bolte						
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.	

NAME HOSE - HYDR, RETURN LINE - HYDR. SYSTEM.

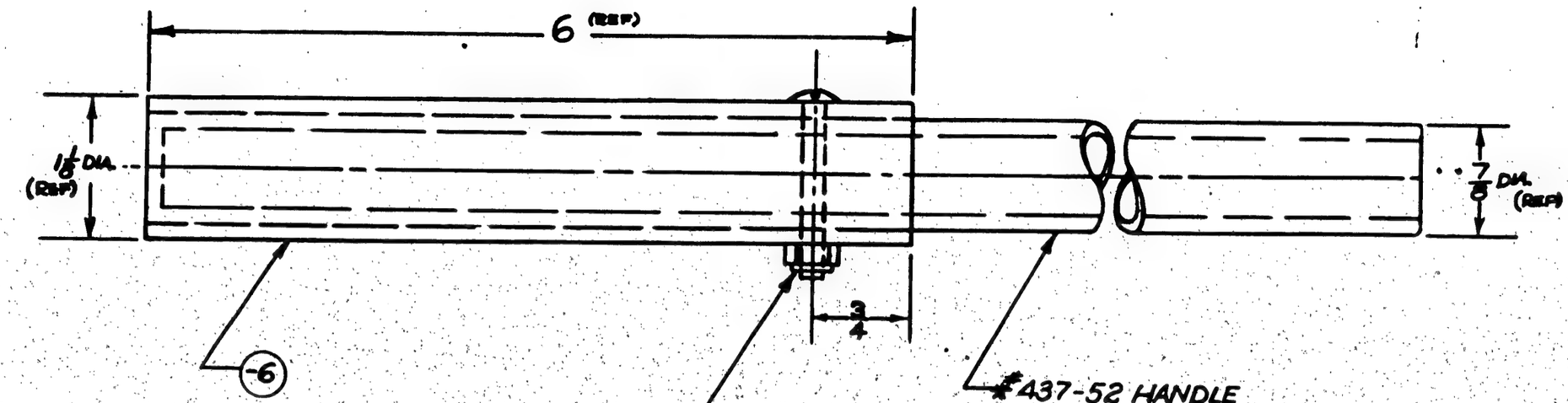
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO. CALIF.

OPP. HAND —

DWG. B SIZE 28F6701

R

LET	ALTERATION	DATE	BY



#437-52 HANDLE

NOTE: THIS PART IS SUPPLIED WITH HYDRAULIC HAND PUMP - PESCO 437-F ON DRWG 28F6526

DRILL #10 (.193) HOLE
AN526 DD 1032-24 SCREW
AC372 D 1032 NUT

SHIP #53 ON C-88476

ASSY DASH NO	MODEL	NEXT ASSY.	REQ
	PBY-5A	28F6526	1

REQUIREMENTS PER AIRPLANE

REPLACES — .79 CALC. WT.

REPLACED BY — ACT. WT

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 12" = 1' 0"

STAMP PART NUMBER WHERE SHOWN

PART NO	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
	Pesco #437-52 HANDLE (SUPPLIED WITH Pesco #437F HAND PUMP)			1									
	AN526DD1032-24			1									
	AC372 D 1032			1									
	.6 3/4 x 1/16 x 6 TUBE	PHENOLIC	MIL-P-8184 TYP I	1									

AC	NONE	NONE		GERBER	MCHL ZUCK
NAVY			STOCK	PALMER CUSTER	A.F. WICKER
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG

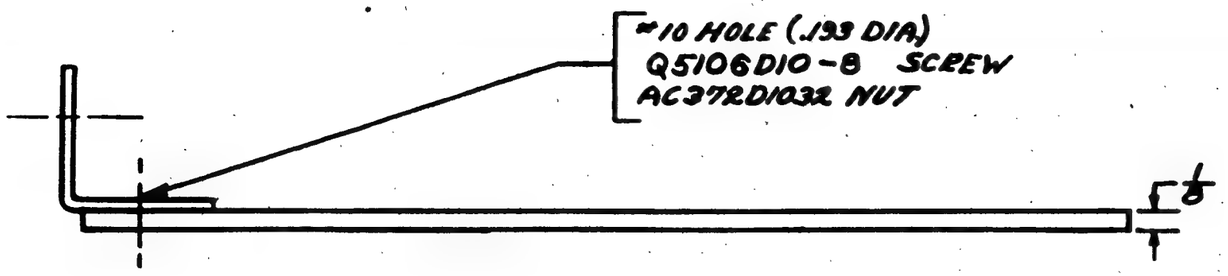
NAME HANDLE-HYDRAULIC HAND PUMP & EMERGENCY N.L.G. DOOR.

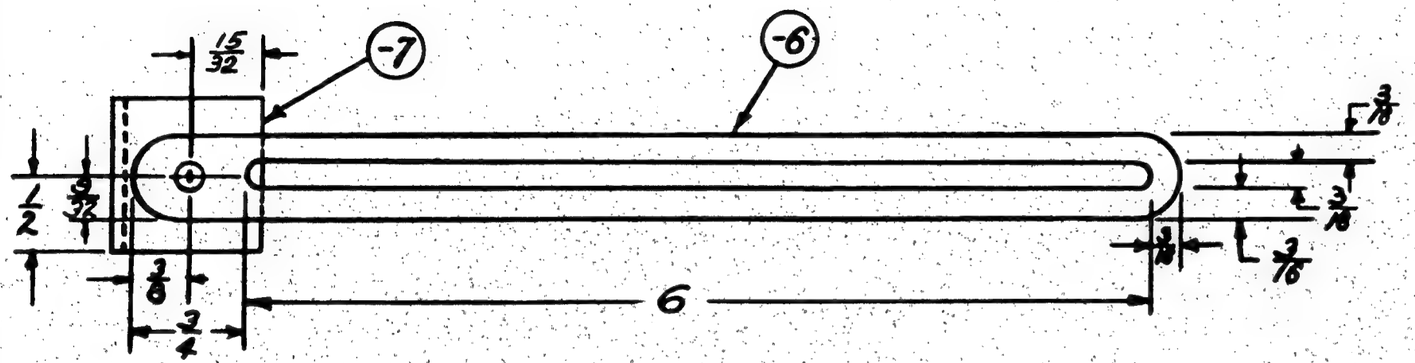
OPP. HAND

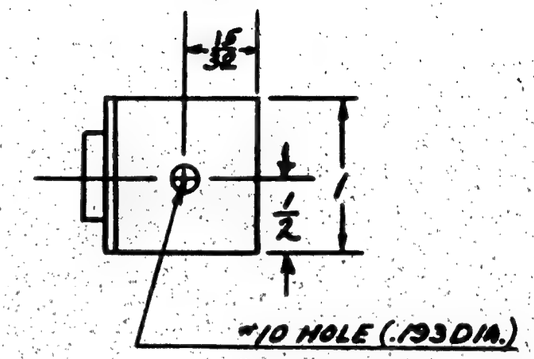
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F6706

LET	ALTERATION	DATE	BY
A	IN B/M CHG'D AN526-D1032 TO AC372-D1032 NO WT. CHG.	10-6-42	[illegible]
B	IN B/M FOR -7 REPLACED "K78J X 1 1/8, AL. AL. EXT. 46SP-T" WITH "NOTED" ADDED MAT'L NOTE #1 WT. CHG. NEG.	3-13-43	R.B.H.







NO a(S) 464, 1 & 101 & ON
NO a(S) 464, 2 TO 100
C.91876 (90 & ON)

MATERIAL NOTES-
1. MAT'L. FOR -7 MAY BE-
(A) Y-2-A46T X 1 1/8, OR
(B) K78J X 1 1/8, AL. AL. EXTR., SPEC. QQ-A-354-T.

	PBY-5A	28F7603	2
	PBY-5A	28F6709	2
	PBY-5	28F6708	2
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES .048 CALC. WT.

REPLACED BY ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH RH REQ. -0	LH RH REQ. -2	LH RH REQ. -3	LH RH REQ. -4	LH RH REQ. -5
	Q5106D10-8			1				
	AC372-D1032							
-7	NOTED	NOTED	NOTED	1				
-8	.123 X 3 1/4 X 7 1/8	ALC. 2497T.	47A8-T	1				

PARTS LIST PER ASSY.

AC		EXCEPTIONS					
NAVY	Z-P-QP	9/13/42	9-11-42			9-14-42	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME TILT ADJUSTMENT-RADAR OPERATORS TABLE-INDICATOR

OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO, CALIF.

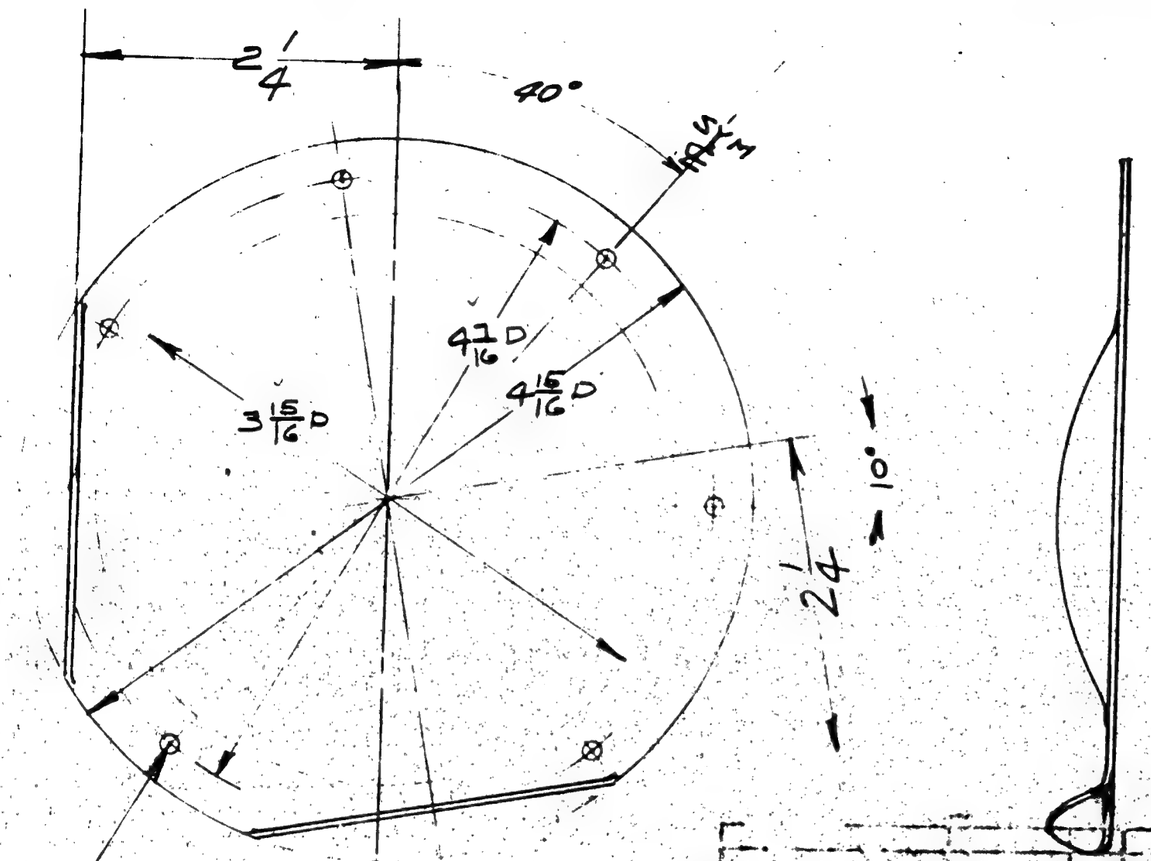
SIZE B

28F6710

28F6710

R

LET	ALTERATION	DATE	BY
C	REVISED & REDRAWN, RE-	1-27-43	REED
	CORD CHG. ONLY		



C NO 13395
C. 91675 "346 ON

ALL BEND RADII 1/8

APPROVED FOR TOOLING BY V. Bourn 1-27-43

REV. LET.	MODEL	NEXT ASSY.	QUAN.
	PBY-5A	28F6713	2
	PBY-5	28F6713	2

REQUIREMENTS PER AIRPLANE

REPLACES 28F6715 or 8-26-42 — .009 CALC. WT.

REPLACED BY — ACT. WT.

LIMIT ON DECIMALS UNLESS OTHERWISE SPECIFIED ± .01 ± 1/2° — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.032 X 5 X 5	ALC. 24ST	47AB-T										

PARTS LIST PER ASSY. -0 -2 -3 -4 -5

AC		DRAFTSMAN	M. Dellin					.002
NAVY	Z-P-GP	11-19-42		.01				11-20-42 Bond
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.		APPROV.	ENG.

NAME COLLAR—ANTI-CING PLENUM CHAMBER.

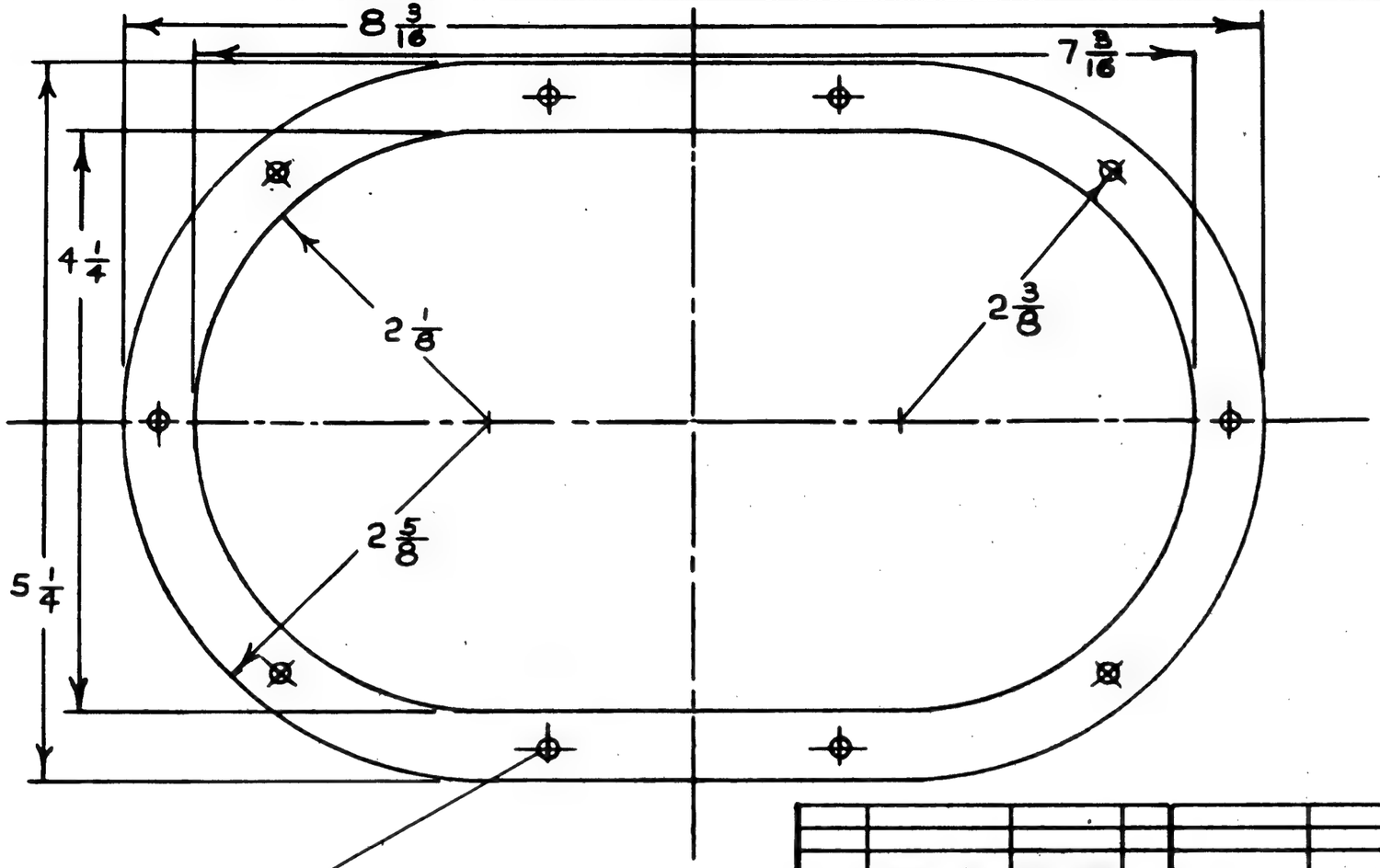
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. SIZE B

28F6715

LET	ALTERATION	DATE	BY



		PBY-5A	28F6717
		PBY-5	28F6875
ASSY. SASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES	.032 GAGE THY.
REPLACED BY	ASSY. THY.
UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12" = 1' 0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	
-0	.032X5 1/2XB1/2	ALC. 24ST	47A9-T										

AC		JOHNSON	Passed				
NAVY	Z-P-GP	3/10/42	3/10/42		Req.		3/10/42
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME COLLAR-BOTTOM-ANTI-ICING-PLENUM CHAMBER

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

OPP. HAND

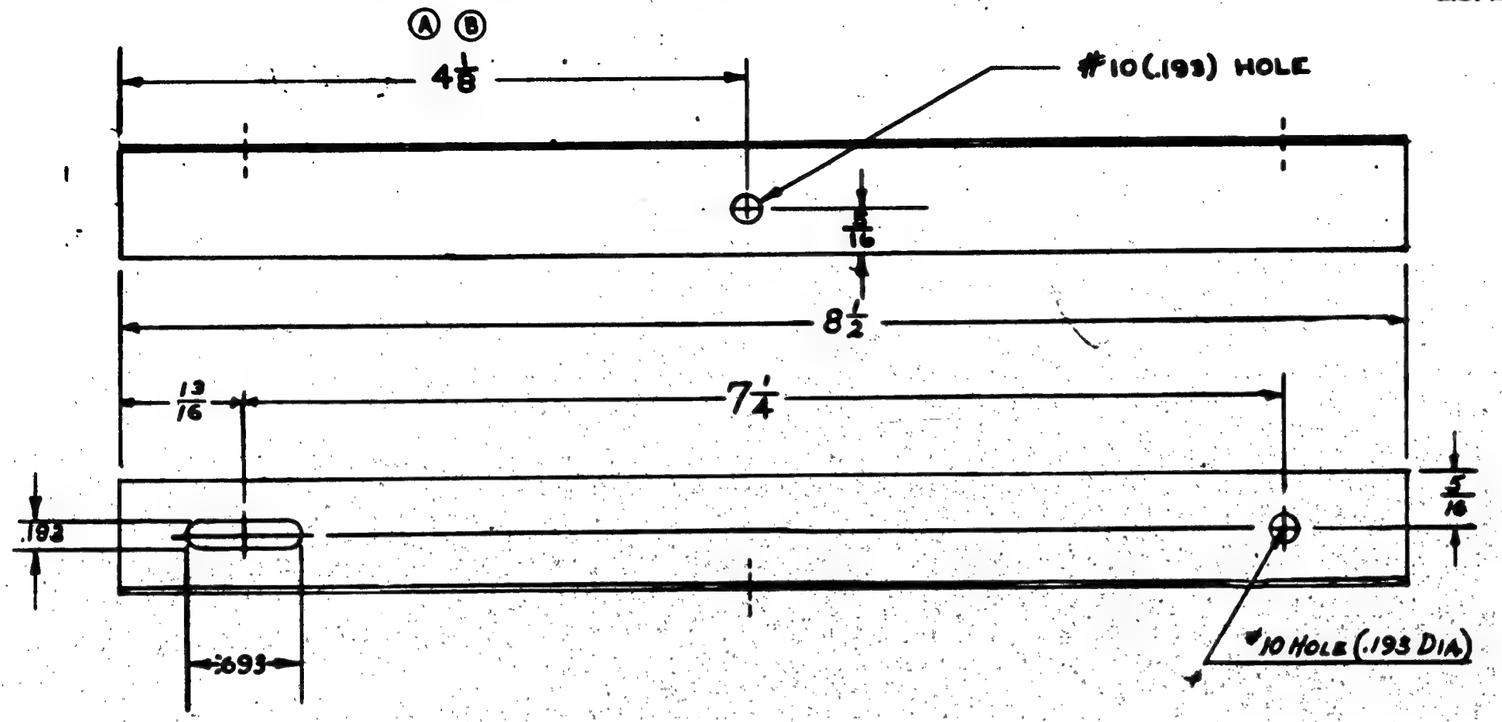
ENG. B MFR

28F6717

R

E.O. A94684
E.O. B1106

LET	ALTERATION	DATE	BY
A	ON FACE 3½ WAS 1⅛ NO WT. CHG.	2-2-43	[illegible]
B	ON FACE 4⅛ WAS 5½ NO WT. CHG	2-2-43	[illegible]



CONT. #C13595 {

-R	PBY-5A	28F6712	1
-L	PBY-5A	28F6712	1

CONT. #C9187 #9044 {

-R	PBY-5	28F6712	1
-L	PBY-5	28F6712	1

ASSY. BASH No.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES — .047 GALC. WT.

REPLACED BY — ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	Y2A-24T X 8⅝												
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		Erickson	WF	[illegible]			[illegible]
NAVY	Z-P-GP	9/2/42	9/9/42		[illegible]	9-15-42	[illegible]
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRACKET-FURN'S-RADAR DUPLEXING UNIT-OUTBD

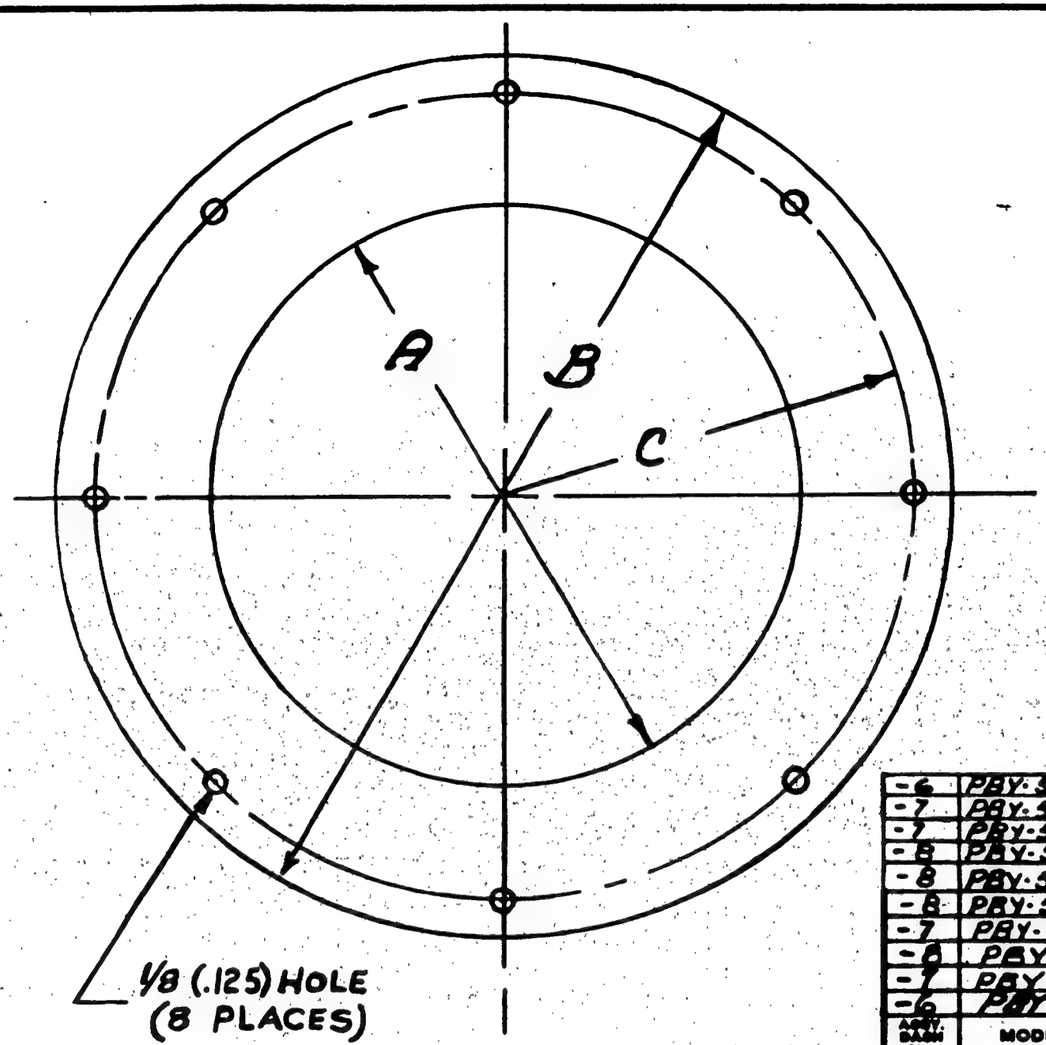
CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO, CALIF.

OPP. HAND 28F6722-R

SIZE B — 28F6722

R 9/15/42

LET	ALTERATION	DATE	BY



	DIM. A	DIM. B	DIM. C	CALC. WEIGHT
-6	3 7/8	5 7/8	2 11/16	.01
-7	3 3/8	5 3/8	2 7/16	.01
-8	3 1/4	4 3/4	2 -	.01

-6	PBY-5A	28T5044	2
-7	PBY-5A	28T5048	2
-7	PBY-5A	28T5050	2
-8	PBY-5A	28T5038	2
-8	PBY-5A	28T5057	2
-8	PBY-5	28T5058	2
-7	PBY-5	28T5050	2
-6	PBY-5	28T5057	2
-7	PBY-5	28T5048	2
-6	PBY-5	28T5046	2
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES — NOTED

REPLACED BY — GALC. WT. / ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32

SCALE: FULL SIZE

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ	LH REQ	RH REQ
	-8 .032 x 5 1/16 x 3 1/8												
	-7 .032 x 6 x 6	24ST											
28F6728-8	.032 x 6 1/4 x 6 1/4	ALCLAD	47A8 Comm										

PARTS LIST PER ASSY.

-0 -2 -3 -4 -5

AC —	—	E.L. Bobo	Read	Gabriel		Wade Zaugg		
NAVY Abale	Z-P-GP	9-3-42	9/24/42		9/24/42			
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME COLLAR - SUPT - UPPER FIN DUCT - ANTI-ICING

OPP. HAND NONE

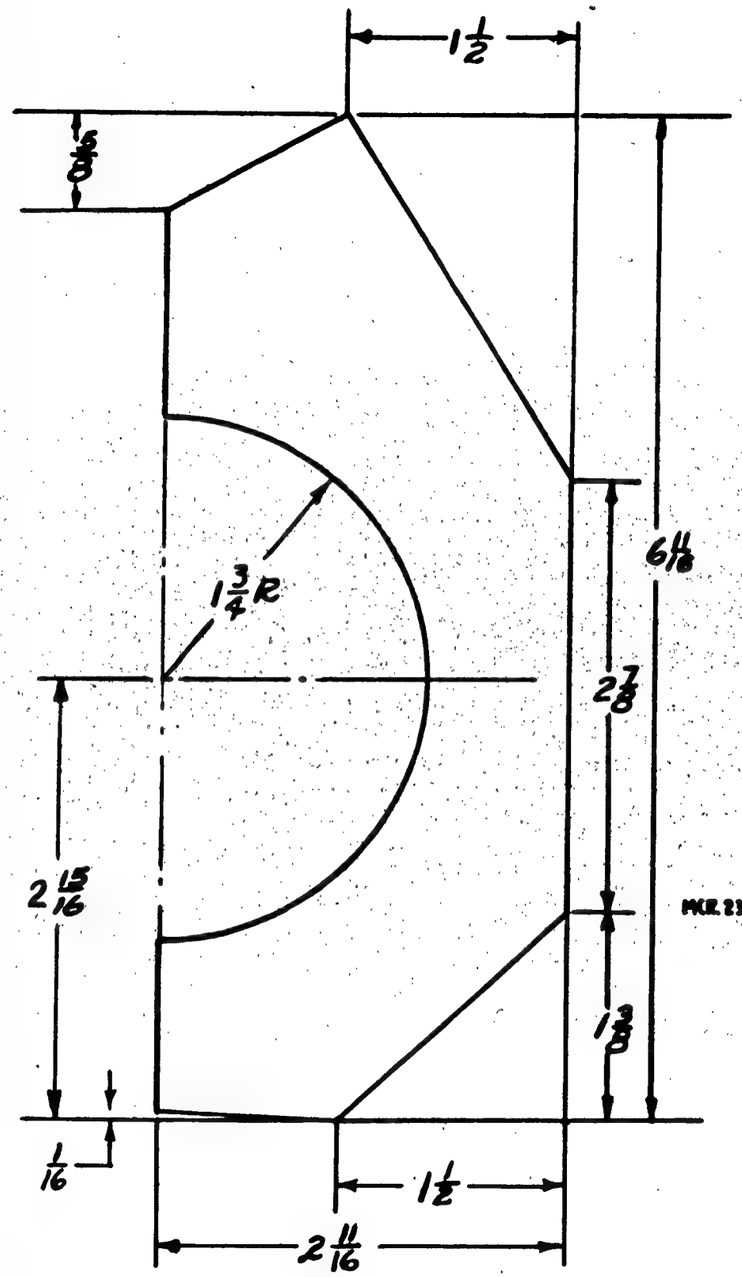
CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO, CALIF.

SIZE B — 28F6728

R

E.O. A97710
MER. 23-19

LET	ALTERATION	DATE	BY
A	REVISED REQ. PER AIRPLANE BLOCK. NO. WT. CHG.	7-20-43	[redacted] Q



MER. 23-19 { C. 13595 C. 91076 } 30 (346 (01)

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ'D.
	PBY-5A	28W5186	2
	PBY-5	28W5186	2

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. .019#

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32 — SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -2	LH REQ. -3	RH REQ. -4	LH REQ. -5	RH REQ.
	.032 x 2 1/2 x 6 1/8	ALCLAD	47A9-T						

PARTS LIST PER ASSY.

AC — NAVY None — HEAT TREAT

Z-P-GP — FINISH

PAPPAS 9-9-42 — DRAFT

CHECK	STRUCT.	MAT.	APPROV.	ENG.
	[illegible] 9-5-42			[illegible] 9-21-42

NAME BRACKET - FURNS - HEAT ANTI-ICING - WING STA 20

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

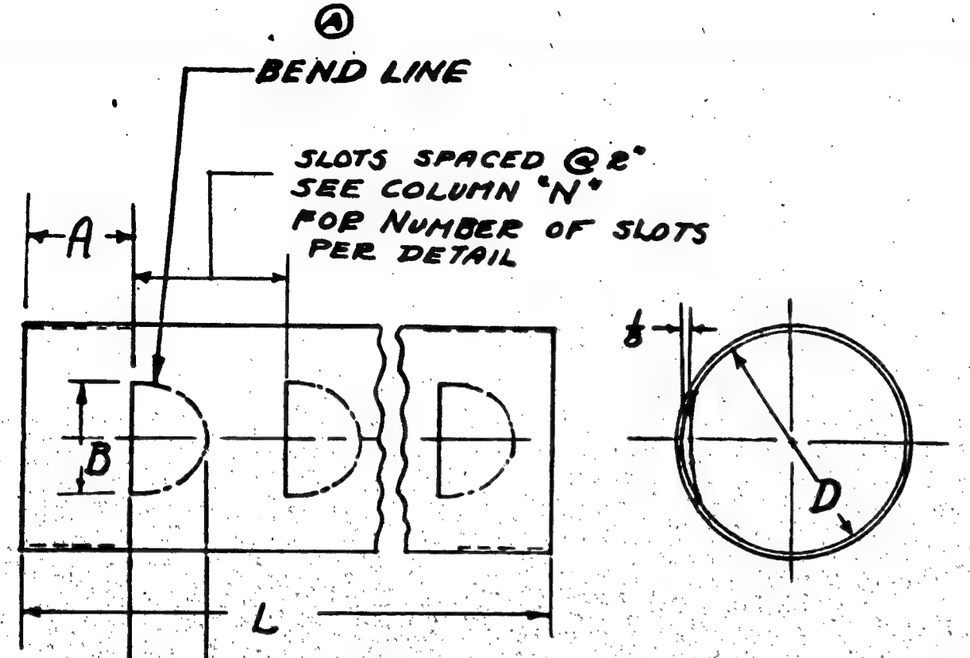
DWG. B SIZE

28F6743

R 10 10 42

LET	ALTERATION	DATE	BY
A	ADDED NOTES "BEND LINE" & "ADD 1/2 FOR ALL DASH NO.'s" & "C" DIM.	12-22-42	Evans
B	UNDER COLUMN "D" FOR -6 CHANGED 3 DIM. TO 3 1/32		
	NO WT. CHG.	2-27-43	Evans
C.	Q1205-12-716, Q1205-12-3/16, Q1205-12-2500, Q1205-10-5100, Q1205-8-5200, Q1205-6-10900, WSB-12-716, WSB-12-3/16, WSB-12-2500, WSB-10-5100, WSB-8-5200, WSB-6-10900		
	RESP. NO WT. CHG.	7-26-43	WARNER

EQ. B2028



(A)

(B)

PART NO	A	B	D	L	N	CALC WT
-6	1½	1½	3 +1/32 -0	109	54	1.43*
-7	2	1¼	4	52	25	.915*
-8	1½	1	5	51	25	1.122*
-9	2½	1	6	25	10	.676*
-10	2¼	1	6	32½	15	.86*
-11	2¾	1	6	7½	2	.2*

MCR 178-6

MCR 23-8

DASH NO.	MODEL	PART ASSY.	REQ.
-11	PBY-5A	28F6736	2
-10			2
-9			4
-8			2
-7			2
-6	PBY-5A	28F6736	2
-11	PBY-5	28F6736	2
-10	PBY-5	28F6736	2
-9	PBY-5	28F6736	4
-8	PBY-5	28F6736	2
-7	PBY-5	28F6736	2
-6	PBY-5	28F6736	2

REQUIREMENTS PER AIRPLANE

REPLACES — NOTED CALC. WT.

REPLACED BY — ACT. WT.

UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 6" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
				-0		-2		-3		-4		-5	
-11	MAKE FROM	Q1205-12-716											
-10	MAKE FROM	Q1205-12-3/16											
-9	MAKE FROM	Q1205-12-2500											
-8	MAKE FROM	Q1205-10-5100											
-7	MAKE FROM	Q1205-8-5200											
-6	MAKE FROM	Q1205-6-10900											

PARTS LIST PER ASSY.

AC		PROPS	Streeter	Warner
NAVY NONE	NONE	9-4-42	9-25-42	1-31-43
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT. MAT. APPROV. ENG.

NAME SLOTTED PIPING FURNS
HEAT ANTI-ICING DUCT

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

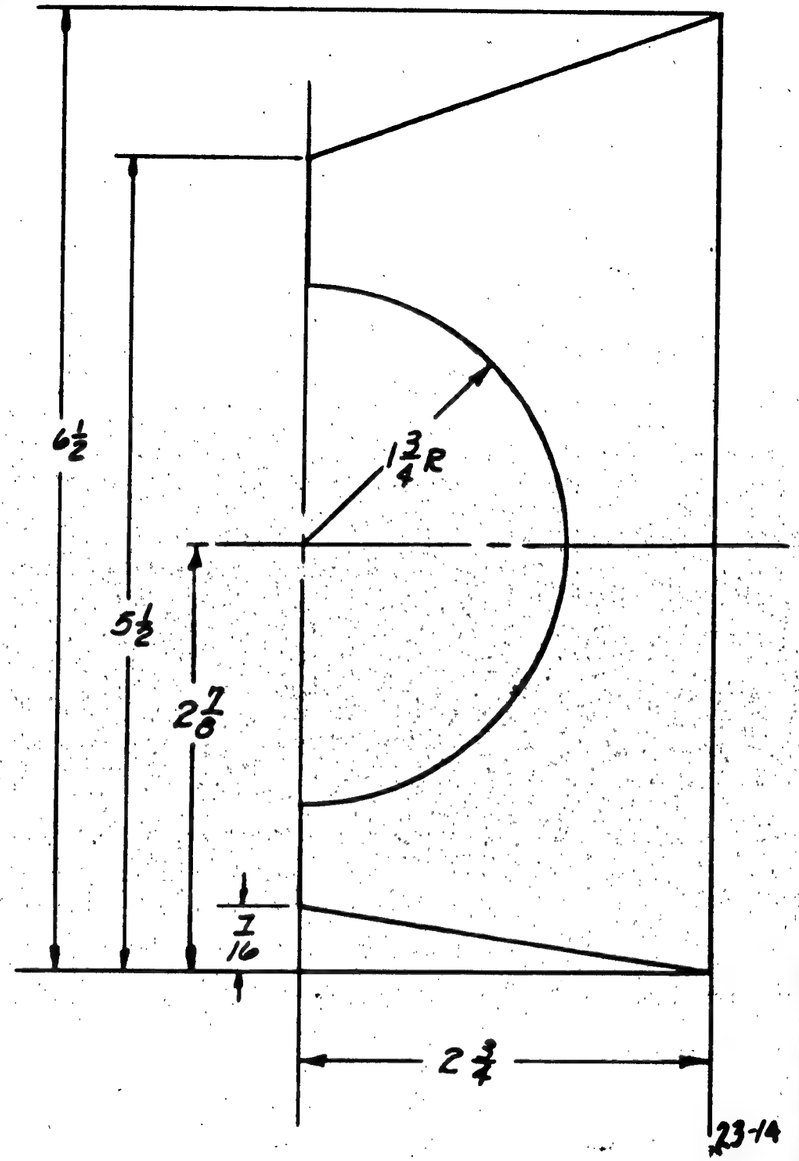
OPP. HAND

DWG. B SIZE

28F6744

R

LET	ALTERATION	DATE	BY



	PBY-5A	28W5186	8
	PBY-5	28W5186	2
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES	.023 GALS. WT.
REPLACED BY	ASY. WT.
LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .32	SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ. -0	RH REQ. -0	LH REQ. -2	RH REQ. -2	LH REQ. -3	RH REQ. -3	LH REQ. -4	RH REQ. -4	LH REQ. -5	RH REQ. -5
	.032 x 26 x 62	ALCLAD	17ST-T										

PARTS LIST PER ASSY.

AC		PAPPAS	Hand	Parker		Brown	Frank
NAVY NONE	Z-P-GP	9-9-42		Parker 6-1-43		6-28-43	
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRACKET FURNS.- HEAT ANTI-ICING SYS: WING STA 23

CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO, CALIF.

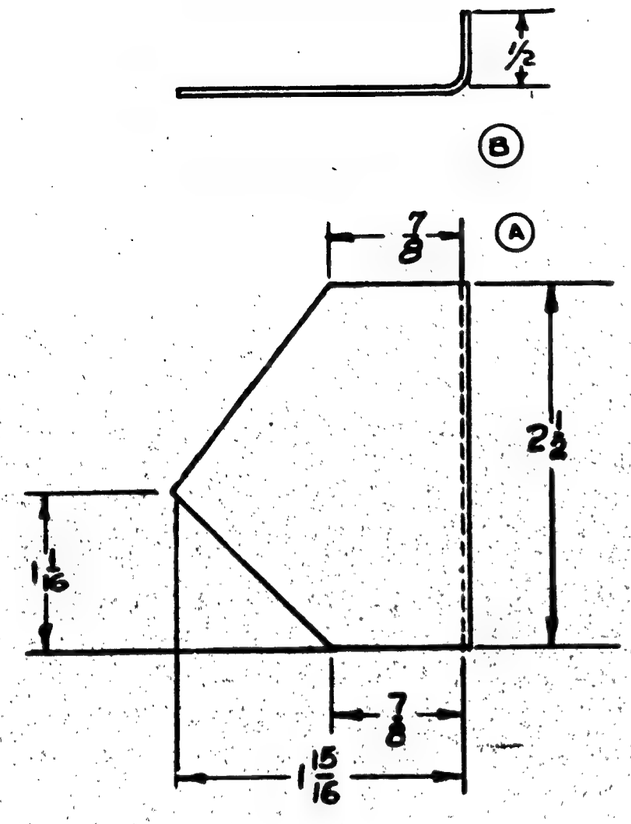
OPP. HAND

DWG. SIZE B

28F6745

R

LET	ALTERATION	DATE	BY
A	REVERSED FLANGE. NO WT. CHG.	9-23-43	[illegible]
B	REVERSED ½" FLANGE, NO WT. CHG.	7-25-42	FUNK



C. A. C. CHANGE #2378

APPROVED FOR TOOLING BY R.B HUMPHREYS

PBY-5A	28W5014	1	
PBY-5	28W5014	1	
ASSY. USED ON	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES	.02 Ship. Wt.
REPLACED BY	Adv. Wt.
USED ON SUBSEQUENT VALUES OF SAME DRAWING	SCALE 12" = 1'-0
ORDER PART NUMBERS OF ITEMS SHOWN	

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	.040X2½X2½	ALCLAD	47AB-T										
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		9-17-42			
NAVY NONE	Z-P-GP				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRACKET-FURNS-DUCT EXTENSION SUPPORTS

CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO, CALIF.

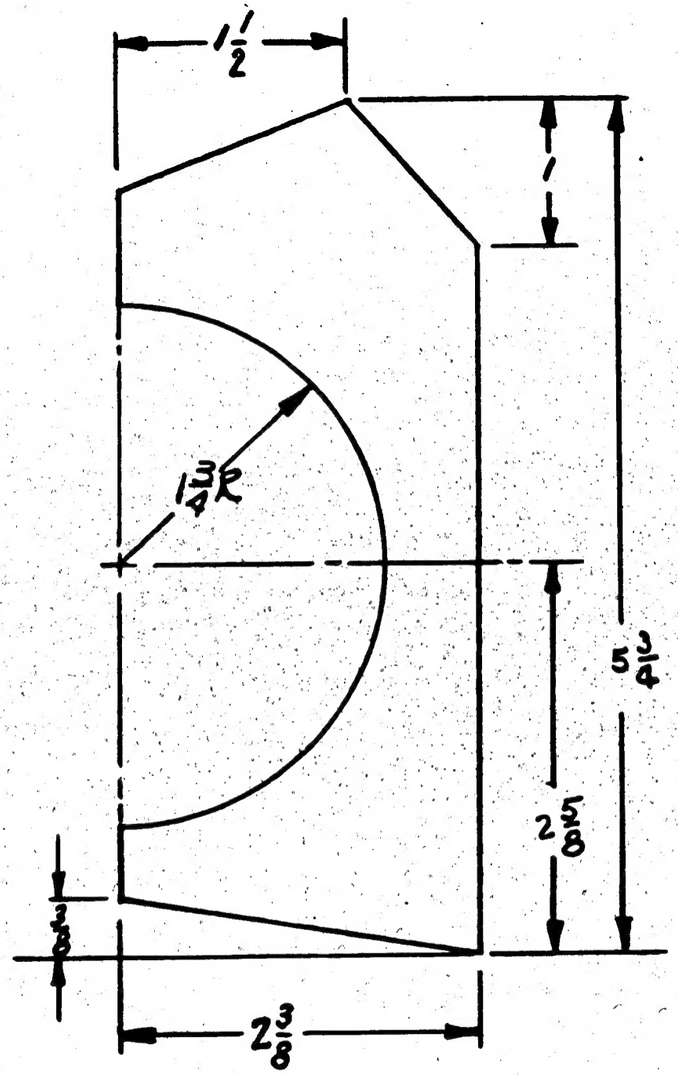
OPP. HAND

SIZE B

28F6746

R 10-19-42

LET	ALTERATION	DATE	BY



C.A.C. CHG. #23-14

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	P8Y-5A	28W6146	2
	P8Y-5	28W5146	2

REQUIREMENTS PER AIRPLANE

REPLACES — CALC. WT. .015

REPLACED BY — ACT. WT.

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32

SCALE 12" = 1'-0

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
PARTS LIST PER ASSY.	.032 X 3 X 6 1/2	ALCLAD	47AA-T	-0		-2		-3		-4		-5	

AC		9-10-42					
NAVY NONE	Z-P-6P						
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NAME BRACKET - FURNS. HEAT-ANTI-ICING SYS-WING STA. 25

OPP. HAND

SIZE B

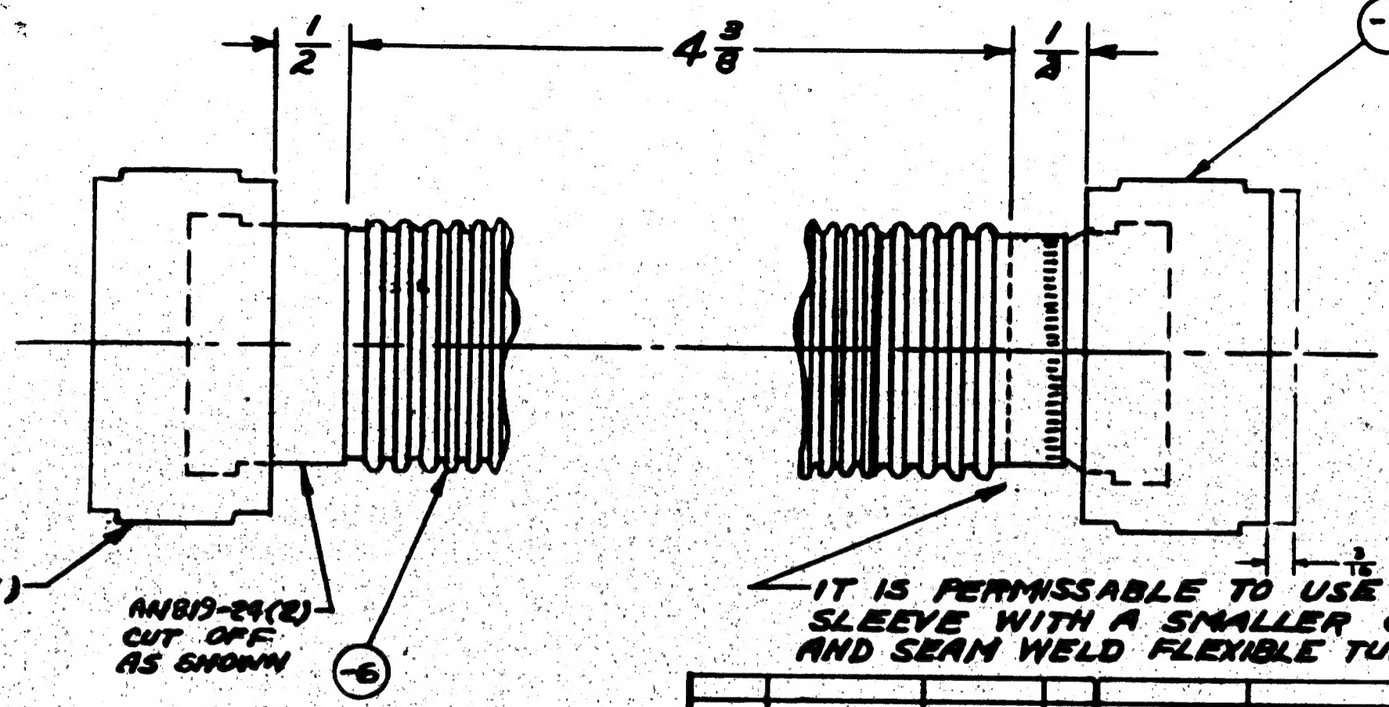
28F6747

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

R

M.C.R. 23-11
M.C.R. 178-12
C.A. 82630-

LET	ALTERATION	DATE	BY
A	ADDED -7 WT. CHG. NEG.	3-5-43	



PURCHASE TO DWG.

CLOSE PITCH CORRUGATED FLEXIBLE TUBING WITHOUT BRAID M.C.R.# 178-12 C.A.C. CHG. # 23-17

NOTE:
MAY BE PURCHASED FROM CHICAGO METAL HOSE CO., LOS ANGELES, OR THE BREEZE CORP., LOS ANGELES.

ASS'Y SYMBOL NO.	MODEL	NEXT ASSY.	REQ.
	ADT-5A	28F6731	1
	ADT-6	28F6731	1

REQUIREMENTS PER AIRPLANE

REPLACES -6D Grss. Wt.

REPLACED BY Adv. Wt.

LAYOUT OR ENGINEERING ORDER NO. OR MASTER DRAWING NO. ± 1/32

SCALE 12" = 1"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
AN818-24				1									
AN819-24					2								
-7	MAKE FROM AN818-24												
-6	1 1/2 x 10 x 6 5/8	SEE PLATE	COPPER	1	1								

PARTS LIST PER ASSY.

				-0	-2	-3	-4	-5		
AC			DESIGN							
NAVY	CAD. PLATE	9-1942	DRAFT	1-28-44						
HEAT TREAT	FINISH		CHECK	STRUCT.	MAT.	APPROV.	ENG.			

NAME FLEX. COUPL'G-FURNS.-HEATER EXH.-EMPENNAGE-ANTI-ICING SYS.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

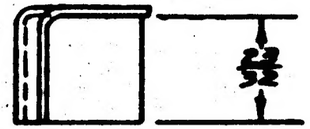
DWG. SIZE B

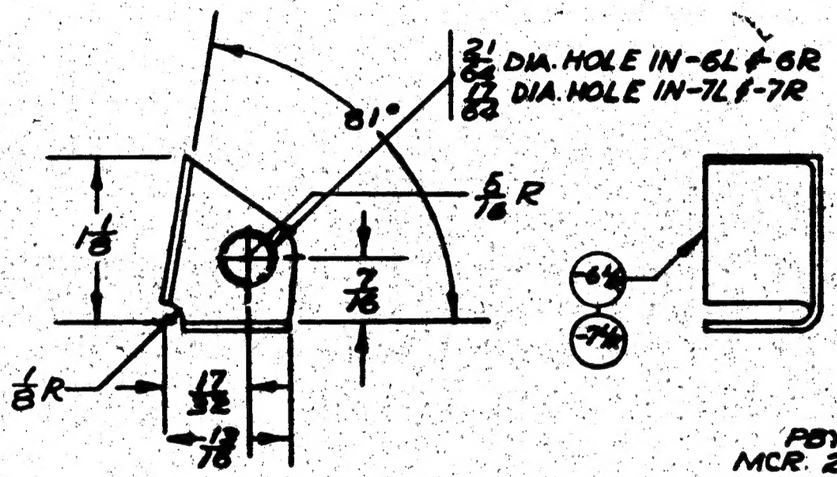
28F6758

R

LTR	ALTERATION	DATE	BY
C	TRACED TO MACH.	10-26	[illegible]

28F6767





NOTE: BEND RADII .1/8

PBY-6
MCR. 23-10
PBY-5A
MCR 178-S

MODEL	ITEM QUAN.	MFR.
28F6767 9-10-42	.03	
REVISED BY		APP. BY
	SCALE 12"=10"	

STAMP PART NUMBER UNDER ENGINE

PART No.	STOCK	MATERIAL	SPEC.	-2	-4	-5
-7R	.062 X 1 3/8 X 2 1/8					
-7L	.062 X 1 3/8 X 2 1/8					
-6R	.062 X 1 5/8 X 2 1/8					
-6L	.062 X 1 5/8 X 2 1/8					

PARTS LIST PER ASSY.

AC		CHILLO						
NAVY 125,000 PSI	NONE	10-42						
HEAT TREAT	FINISH	DRAFT	CHECK	STRESS	SAT.	APPROV.	SUP.	

NAME LUG EXHAUST HEAT EXCHANGER - SUPPORT

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

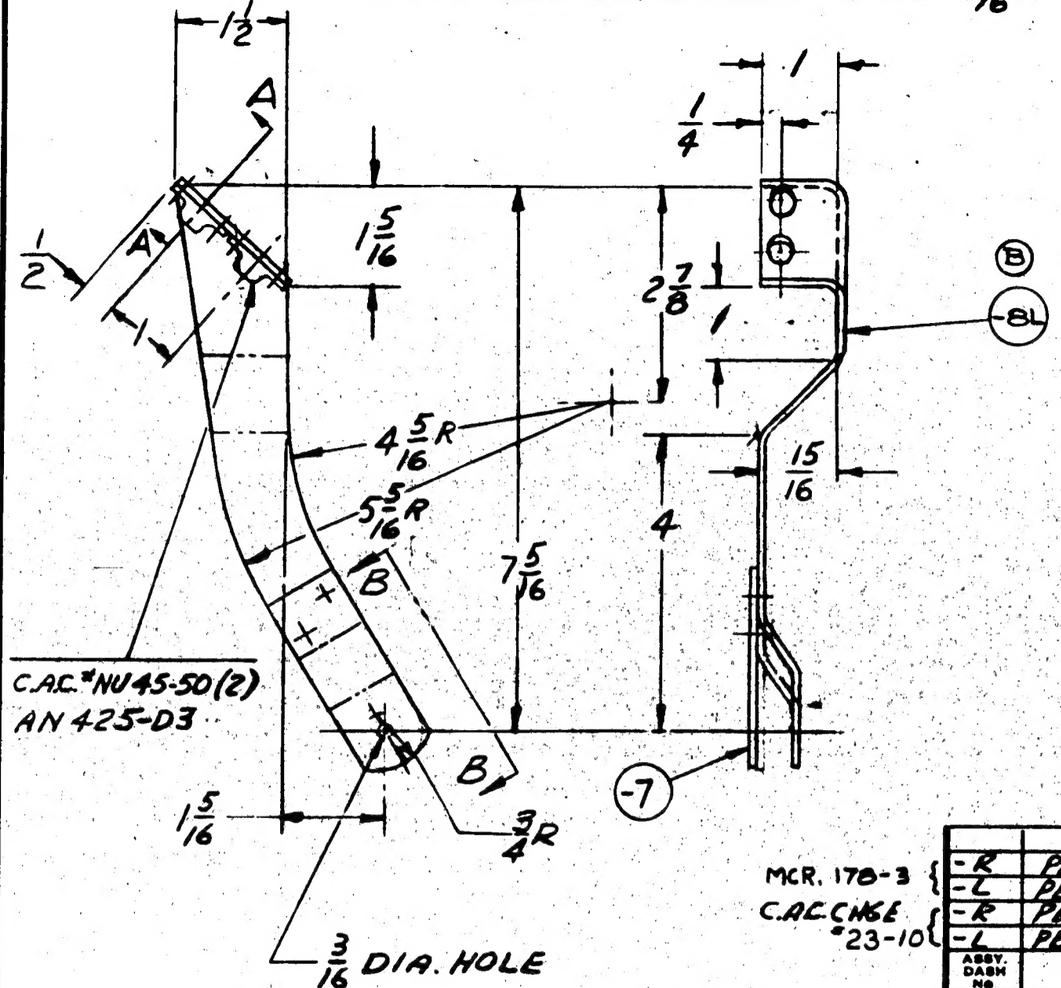
SUPS. NUMB. 28F6781-R

SIZE B

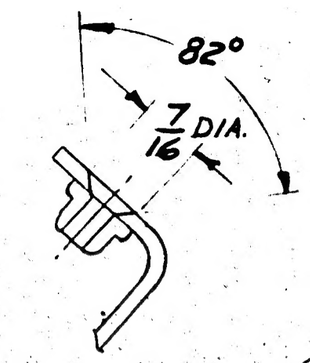
28F6767

R

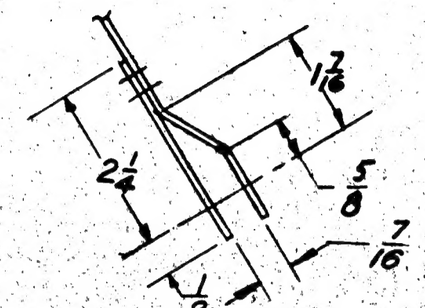
NOTE: ALL BEND RADII TO BE $\frac{3}{16}$R



C.A.C. #NU45-50(2)
AN 425-D3



SEC A-A
SCALE 12"=1'-0"



SEC. B-B

LET	ALTERATION	DATE	BY
A	REDESIGNED & REDRAWN	12-17-42	FINKLE
B	-8L/R WAS -6L/R. WT. CHG. NEG.	2-9-43	BAGGALEY

E.O. A9798 9

APPROVED FOR TOOLING BY
P. B. Humphrey 12-26-42

MCR. 178-3
C.A.C. CHGE #23-10

ASSY. DASH NO	MODEL	NEXT ASSY.	REQ.
-R	PBY-5A	28F7811	1
-L	PBY-5A	28F7811	1
-R	PBY-5	28F7811	1
-L	PBY-5	28F7811	1

REQUIREMENTS PER AIRPLANE

REPLACES 28F6775 OF 9/22/42 .15# CALC. WT.
REPLACED BY ACT. WT

UNLESS OTHERWISE SPECIFIED + - 1/32 | SCALE 6"=1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.
	C.A.C. #NU45-50			2	2								
-7	.091 x 1 1/8 x 2 7/16	ALCLAD	47A8-T	1	1								
-8R	.102 x 3 1/2 x 9	ALCLAD	QQ-A-362-II		1								
-8L	.102 x 3 1/2 x 9	ALCLAD	QQ-A-362-II	1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		FINKLE	LINN			
NAVY NONE	Z-P-GP	12/17/42				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

NOTES:
1.) INSULATE ALL DISSIMILAR METALS WITH ZINC CHROMATE PASTE.
2.) C.A.C. #NU45-50 MAY BE PURCHASED FROM THE ELASTIC STOP NUT CO., BEVERLY HILLS, CALIF, VENDORS NO. 79-HAI-02 OR EQUIVALENT.

NAME LEVER ASSY.- FURNS.- ANTI-ICER INSTALL.- DOOR
OPP. HAND 28F6775-R

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

DWG. B SIZE 28F6775